



Professional Connector Manufacturer



Waterproof

March 2019

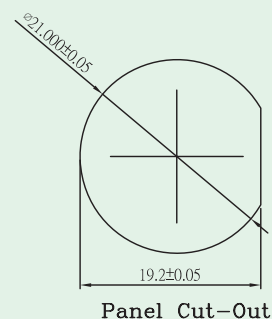
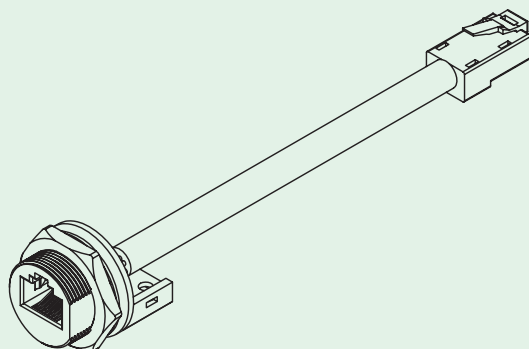
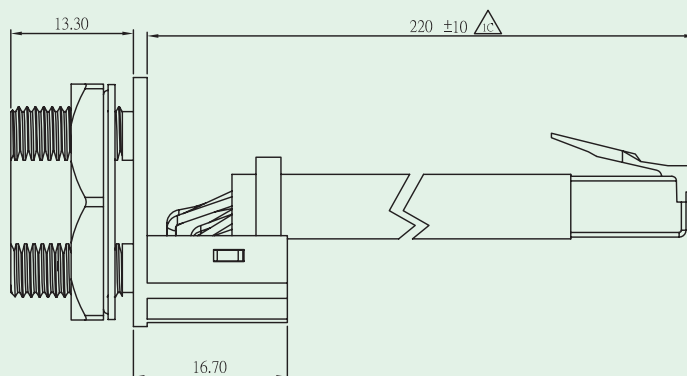
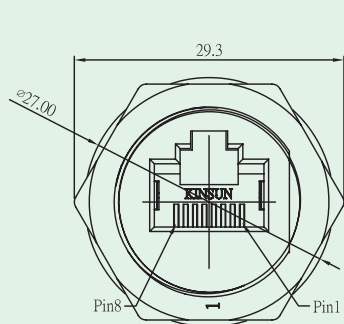
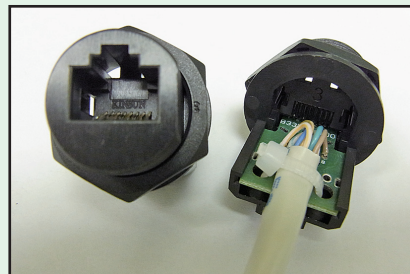
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**Waterproof RJ45 and USB Connector (IP68)****• Screw locking system:****3352 series, IP69K 1-20****3354 series 21-22****3356 series, metal 23-30****• Quick locking system:****3351 series 31-36****3353 series, metal 37-44****Waterproof M connector (IP68)****M12 Panel side: 45-60****M12 Cable side: 61-71****M12 Cap: 72****M8 Panel side: 73-79****M8 Cable side: 80-85****M8 Cap: 86****M9 Panel side: 87-88****M9 Cable side: 89-90****Cable Gland (IP68)****• 4301 Series 92****Vent Plug (IP68)****• 4380 Series 93****• 4381 Series 94****Pushpull SFP Connector (IP68)****• 3359 Series, Metal 95-96**



Screw Locking Waterproof RJ45 Without Sealed Jack With Cable and Plug

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone
- **Panel Thick** : 1.5~4.5mm
- **RJ45 Plug Housing** : PC
- **RJ45 Plug Contacts** : Phosphor Bronze, finish : Gold over Nickel
- **Cable** : Cat 5e



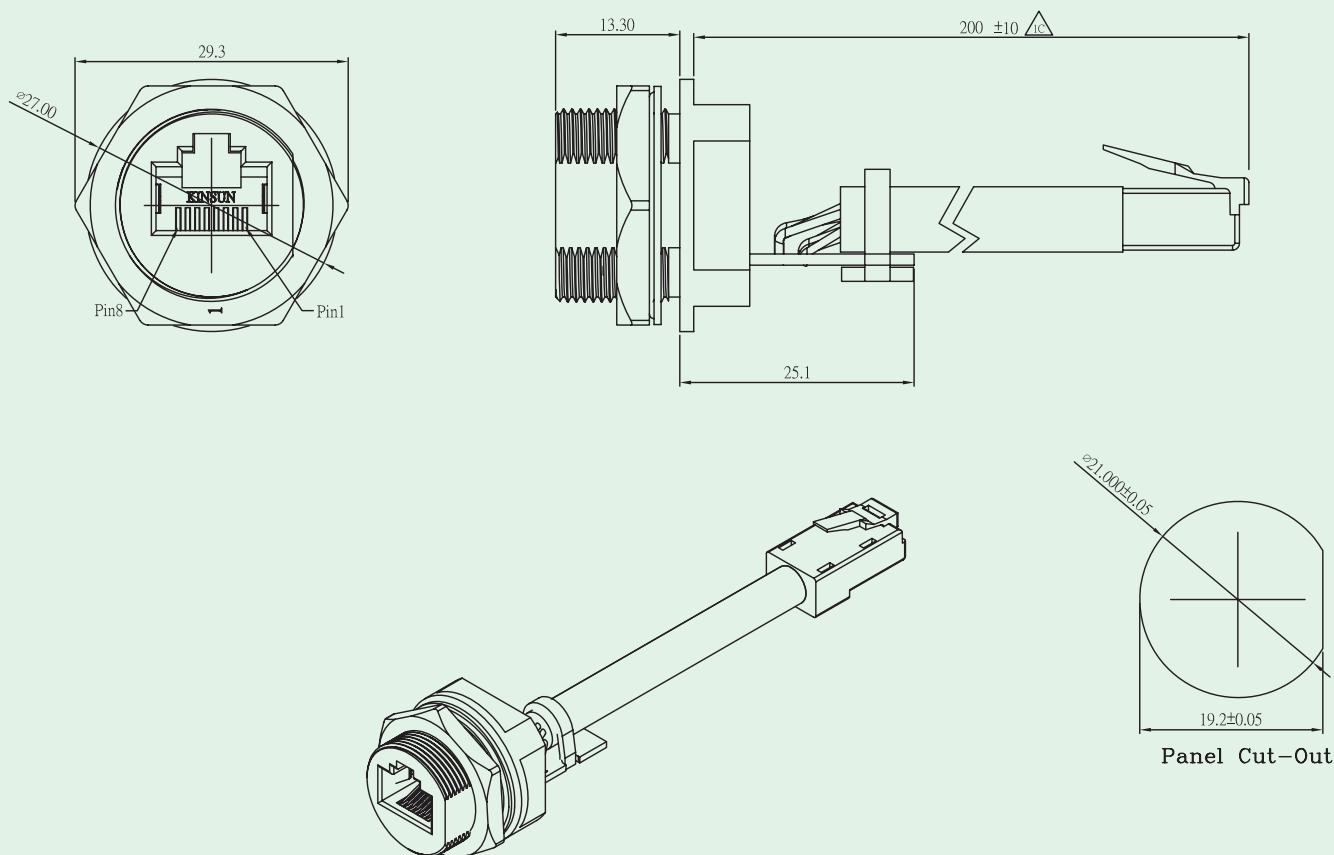
Ordering Information

3352D01010



Screw Locking Waterproof RJ45 Sealed Jack With Cable and Plug

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone
- **Panel Thick** : 1.5~4.5mm
- **RJ45 Plug Housing** : PC
- **RJ45 Plug Contacts** : Phosphor Bronze, finish : Gold over Nickel
- **Cable** : Cat 5e



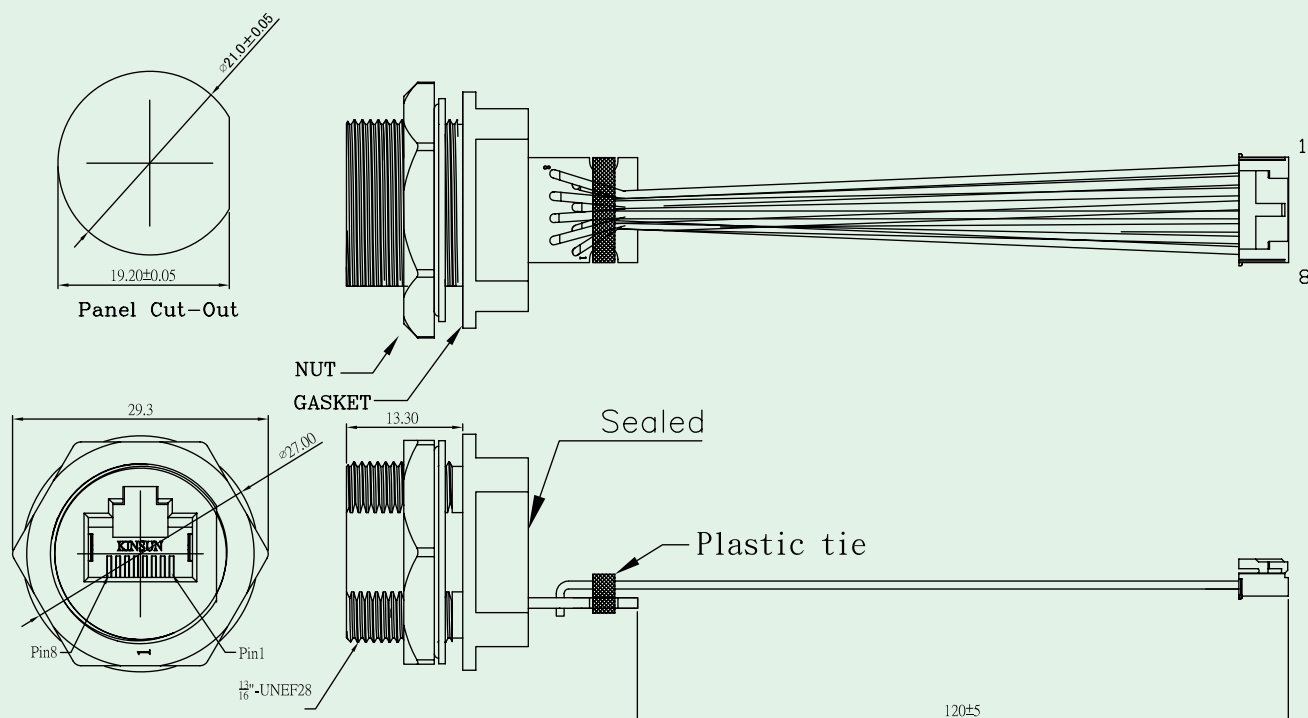
Ordering Information

3352D01410



Screw Locking Waterproof RJ45 Sealed Jack With Wire Harness

KINSUN



8	Brown	棕	8	Twist
7	Brown/White	棕/白	7	
6	Green	綠	6	Twist
5	Blue/White	藍/白	5	
4	Blue	藍	4	Twist
3	Green/White	綠/白	3	
2	Orange	橙	2	Twist
1	Orange/White	橙/白	1	
Conn	Wire Color		Housing	
	Pin Out			

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone
- **Panel Thick** : 1.5~4.5mm



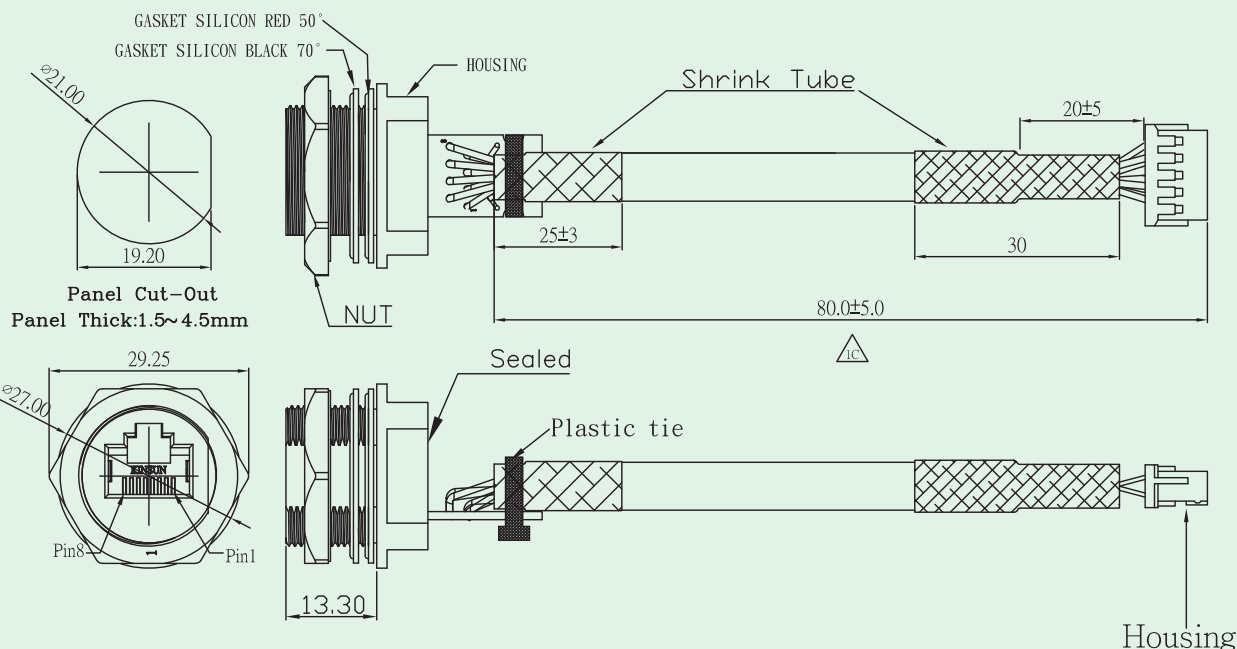
Ordering Information

3352E01020



Screw Locking Waterproof RJ45 Sealed Jack With Cable and Housing

KINSUN



Shield	Blue/White	藍/白	10	Twist
	Blue	藍	9	
	Green/White	綠/白	8	Twist
	Green	綠	7	
	Orange/White	橙/白	6	Twist
	Orange	橙	5	
	Red/White	紅/白	4	Twist
	Red	紅	3	
	Brown/White	棕/白	2	Twist
	Brown	棕	1	
Conn	Wire Color		Housing	
	Pin Out			

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone
- **Panel Thick** : 1.5~4.5mm
- **Cable** : Cat 5e



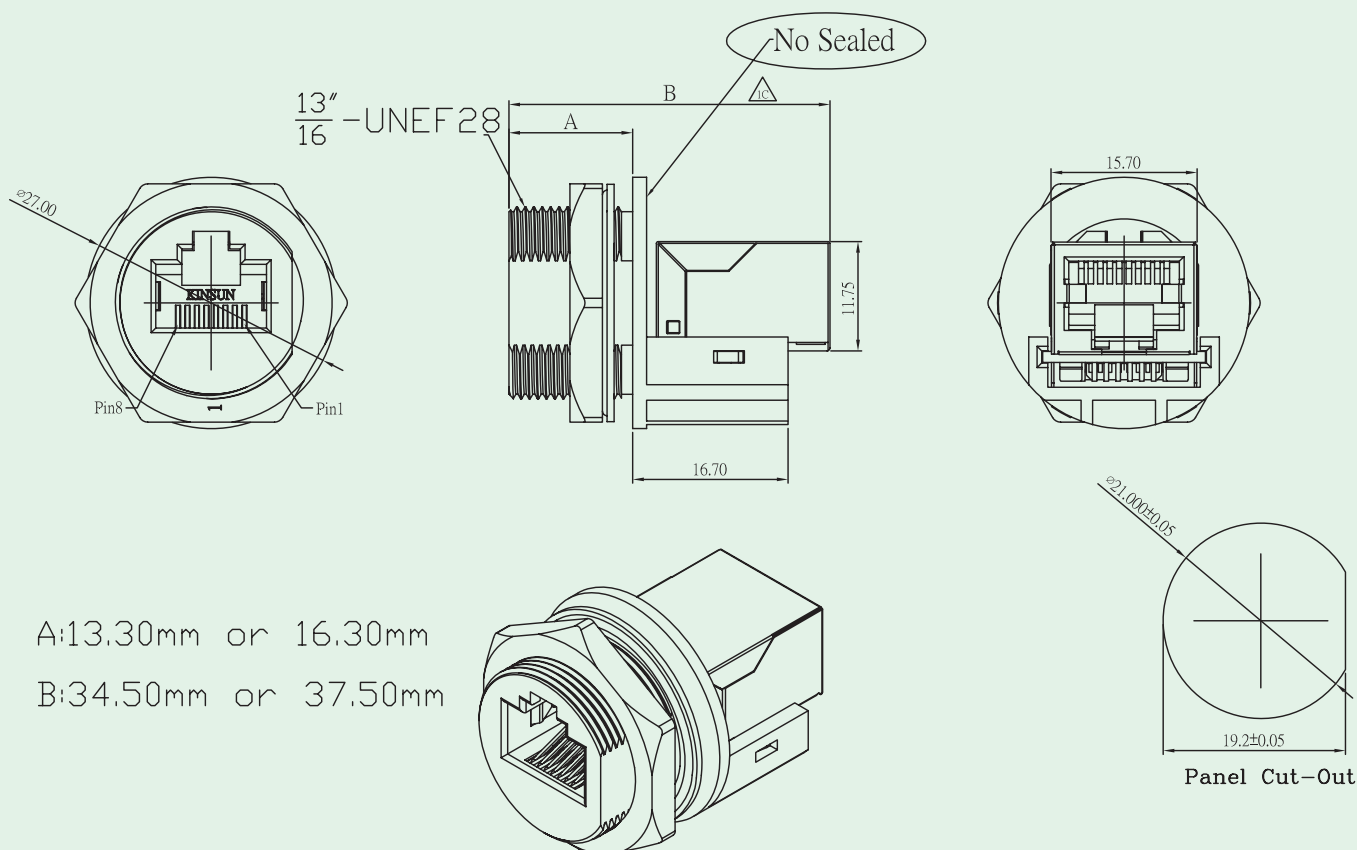
Ordering Information

3352E02010



Screw Locking Waterproof RJ45 Coupler

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone
- **Panel Thick** : A=13.30mm Panel Thick=1.5~2.5mm ; A=16.30mm Panel Thick=1.5~6.0mm
- **Panel Thick** : 1.5~4.5m



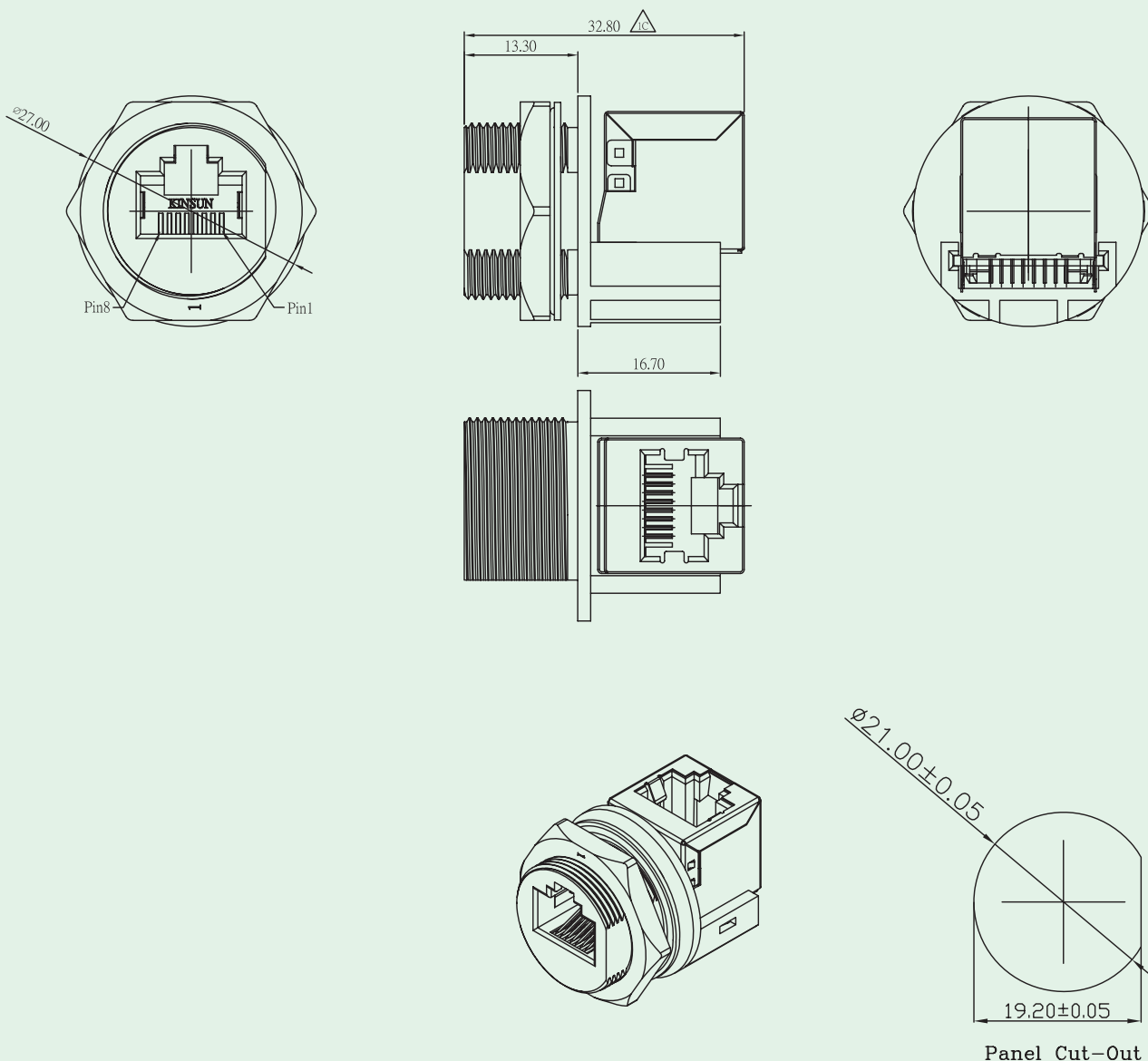
Ordering Information

3352F01010 A:13.30mm
3352F05010 A:16.30mm



Screw Locking Waterproof RJ45 With 90° Coupler

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone
- **Panel Thick** : 1.5~4.5mm



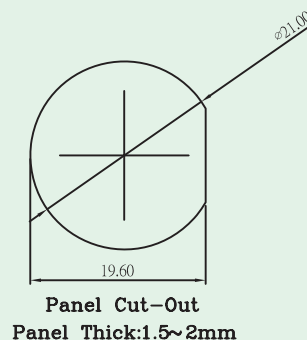
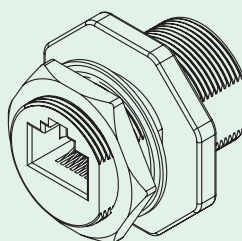
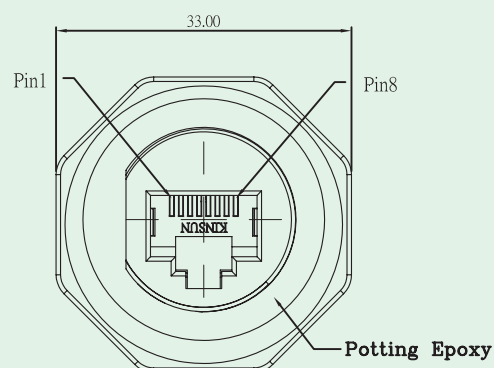
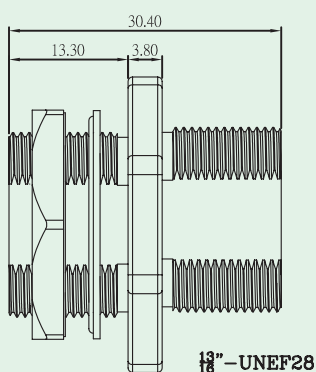
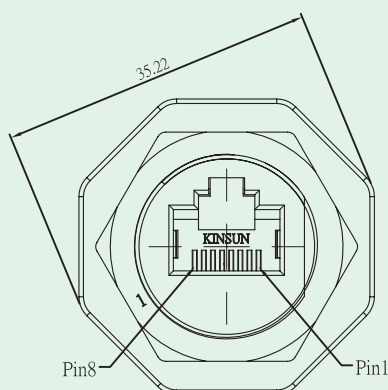
Ordering Information

3352F01220



Screw Locking Waterproof RJ45 Cat 5e , Cat 6a Coupler

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : EPDM 70° COLOR : BLACK



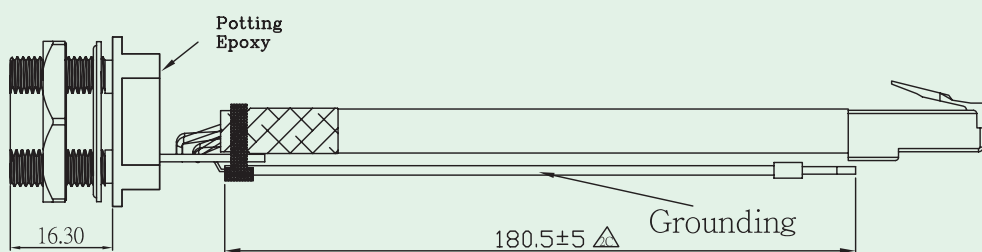
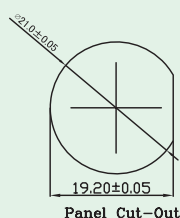
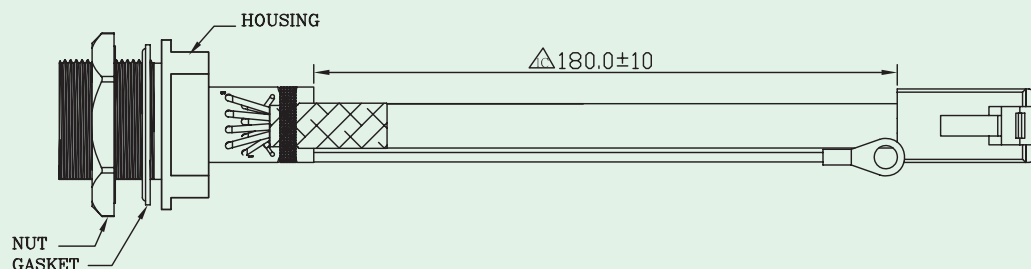
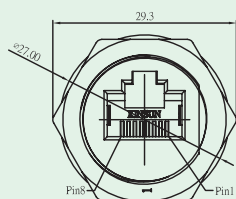
Ordering Information

3352G02639 Cat 5e
3352G02040 Cat 6a



Screw Locking Waterproof RJ45 With Plug & Grounding Wire

KINSUN



Shield	Wire Harness		Terminal
	Drain Wire	地線	Shield
8	Brown	棕	8
7	Brown/White	棕/白	7
6	Green	綠	6
5	Blue/White	藍/白	5
4	Blue	藍	4
3	Green/White	綠/白	3
2	Orange	橙	2
1	Orange/White	橙/白	1
Conn	Wire Color		plug
	Pin Out		

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone
- **Panel Thick** : 1.5~6.0mm
- **RJ45 Plug Housing** : PC
- **RJ45 Plug Contacts** : Phosphor Bronze, finish : Gold over Nickel
- **Cable** : Cat 5e



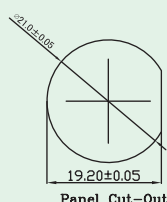
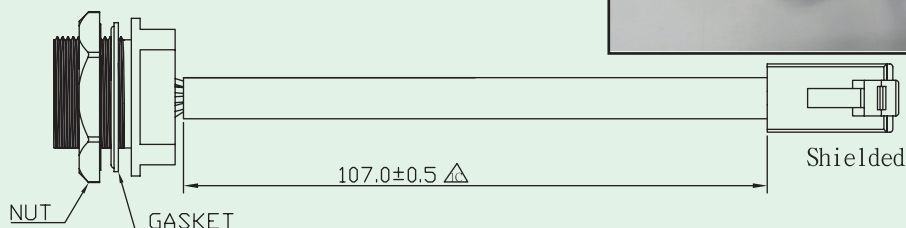
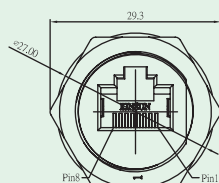
Ordering Information

3352K06023



Screw Locking Waterproof RJ45 With Hidden PCB & Plug

KINSUN



Shield	Wire Harness		Terminal	
	Drain Wire	地線	Shield	
8	Brown	棕	8	Twist
7	Brown/White	棕/白	7	
6	Green	綠	6	Twist
5	Blue/White	藍/白	5	
4	Blue	藍	4	Twist
3	Green/White	綠/白	3	
2	Orange	橙	2	Twist
1	Orange/White	橙/白	1	
Conn	Wire Color		plug	
	Pin Out			

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.
- **Panel Thick** : 1.5~4.5mm
- **RJ45 Plug Housing** : Pc.
- **RJ45 Plug Contact** : Phosphor Bronze, finish : Gold over Nickel.
- **Cable** : Cat 5e.



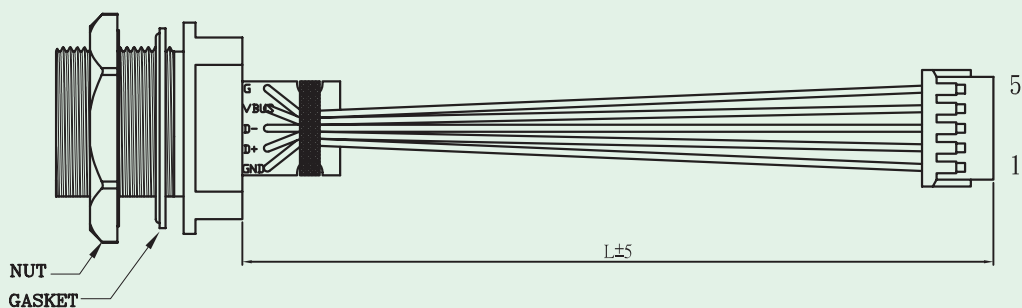
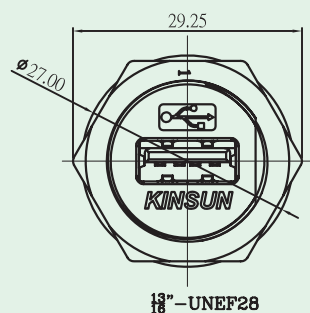
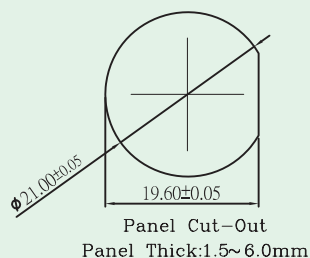
Ordering Information

3352K26020



Screw Locking Waterproof USB 2.0 With Wire Harness

KINSUN



1 Brown	G
2 Red	VBUS
3 White	D-
4 Green	D+
5 Black	GND

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.
- **Panel Thick** : 1.5~6.0mm



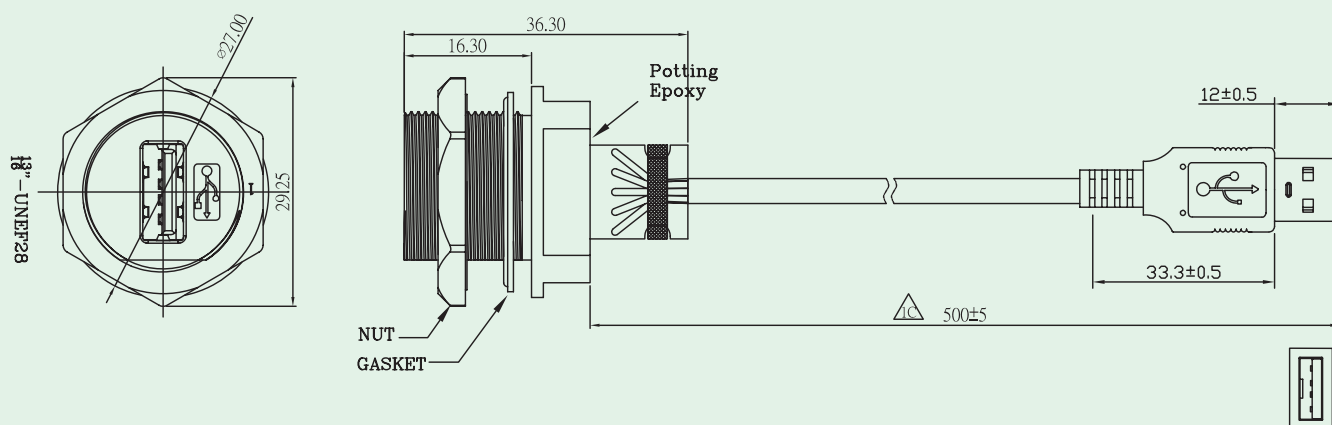
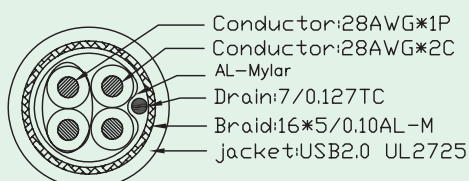
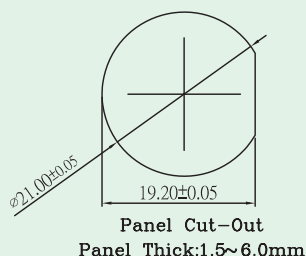
Ordering Information

3352U01060



Screw Locking Waterproof USB 2.0 With Plug

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.
- **Panel Thick** : 1.5~6.0mm



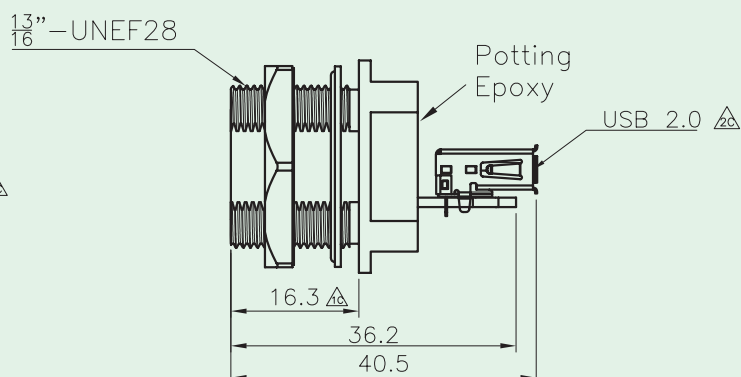
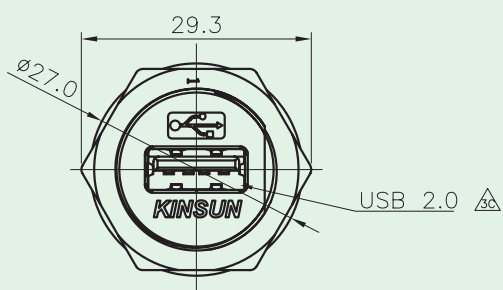
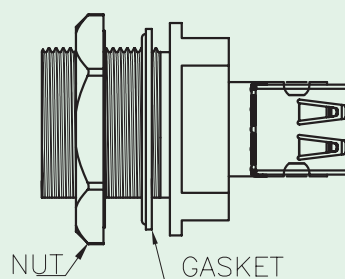
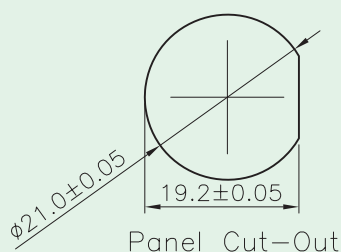
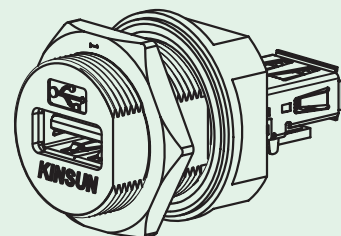
Ordering Information

3352U03010



Screw Locking Waterproof USB

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.
- **Panel Thick** : 1.5~6.0mm



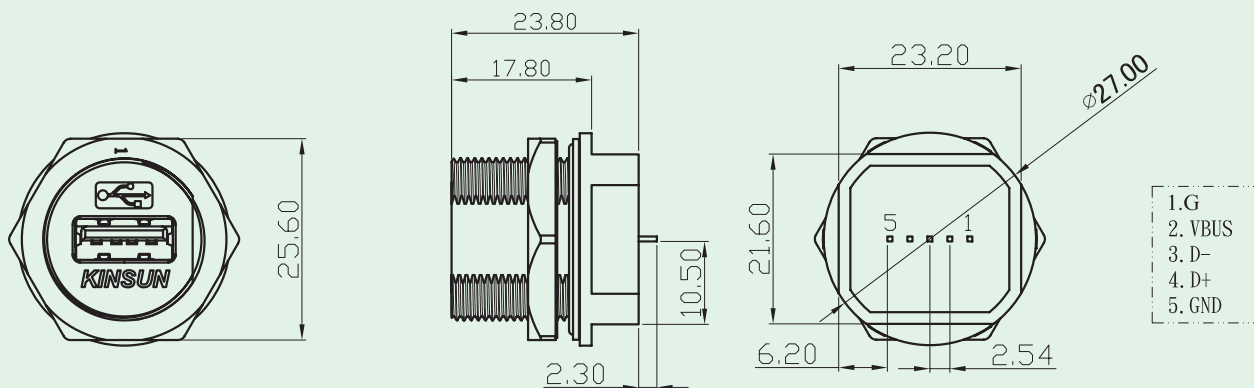
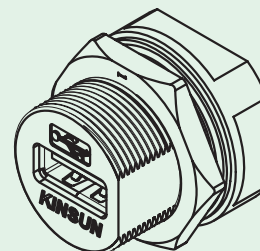
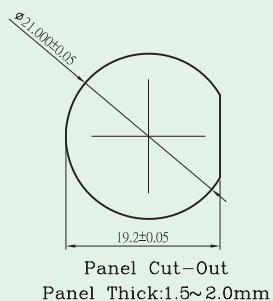
Ordering Information

3352U01410



Screw Locking Waterproof USB 2.0 Dip Type

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.
- **Panel Thick** : 1.5~6.0mm



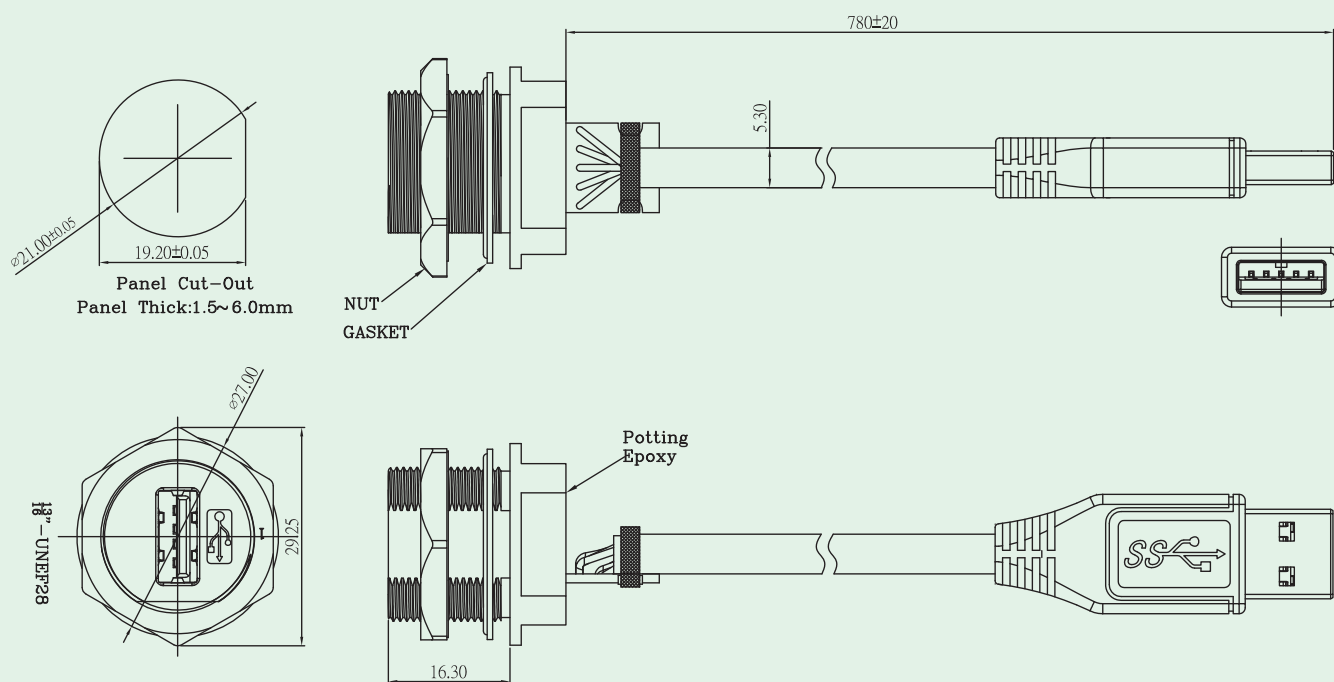
Ordering Information

3352U01360



Screw Locking Waterproof USB 3.0 With Plug

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.
- **Panel Thick** : 1.5~6.0mm



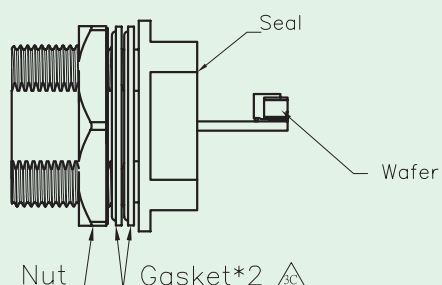
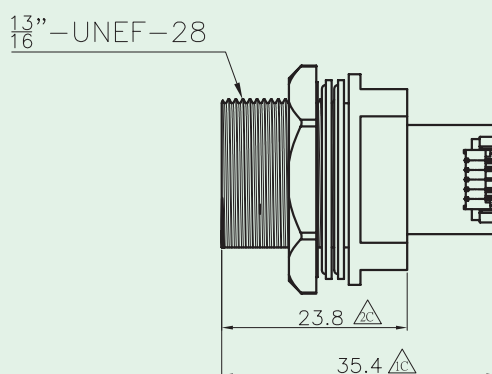
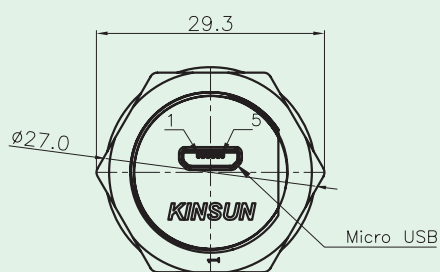
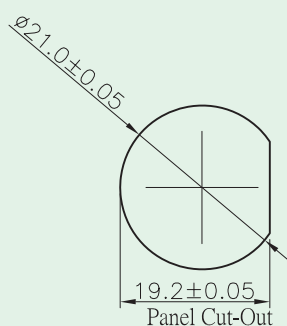
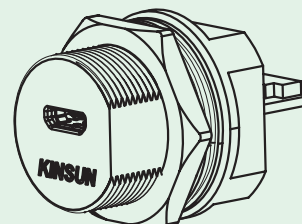
Ordering Information

3352U Series



Screw Locking Waterproof Micro USB With Wafer

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.
- **Panel Thick** : 1.5~6.0mm



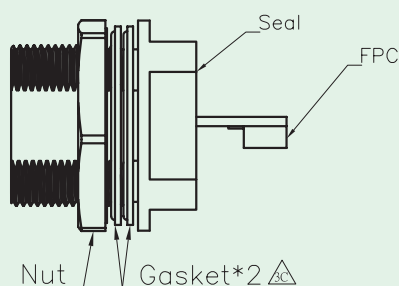
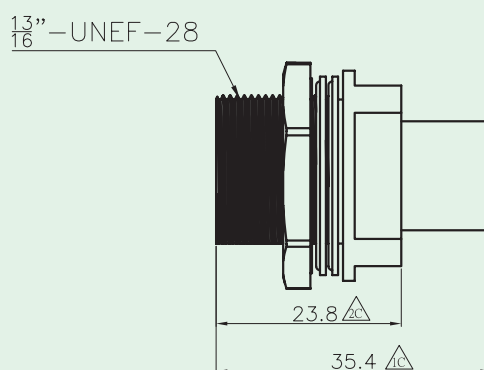
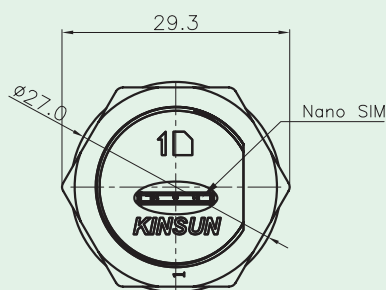
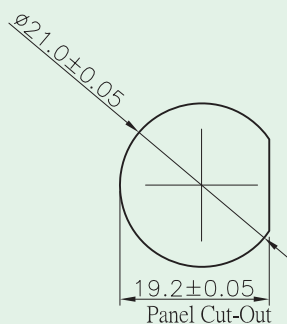
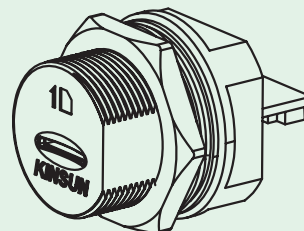
Ordering Information

3352U05010



Screw Locking Waterproof Nano SIM With FPC

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.
- **FPC** : GFP-330221-40804G.
- **Panel Thick** : 1.5~6.0mm



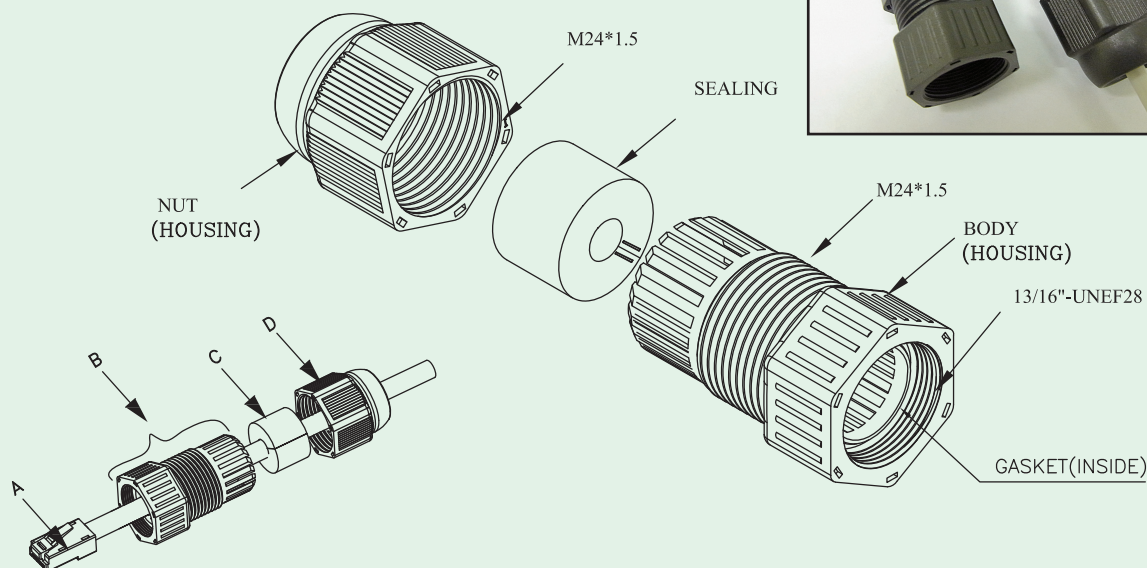
Ordering Information

3352S05010



Screw Locking Waterproof Cable Side

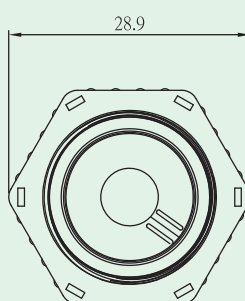
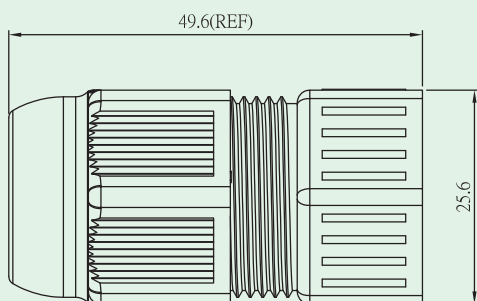
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A.Plug+Cable(not included)
B.Body(Gasket inside)
C.O-Ring
D.Nut

Installation

Step1:A into D
Step2:C into step1
Step3:B into step2



Seals	Size
1	ø5.5~7
2	ø7~9.5

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Sealing Nut** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Casket** : Silicon
- **Sealing** : Silicon



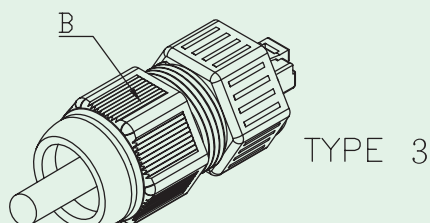
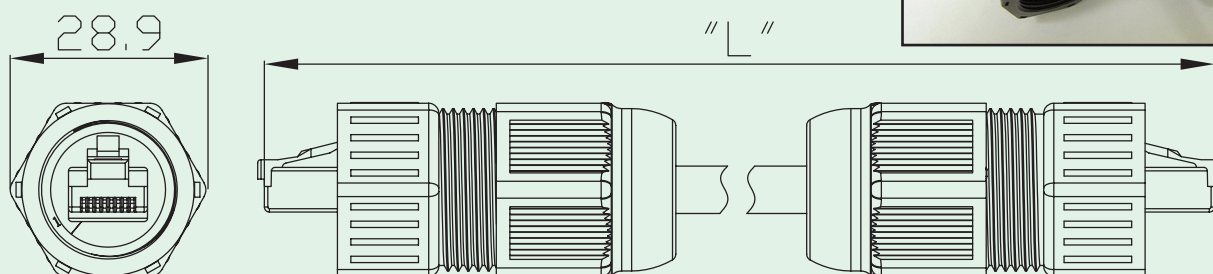
Ordering Information

3352L02010

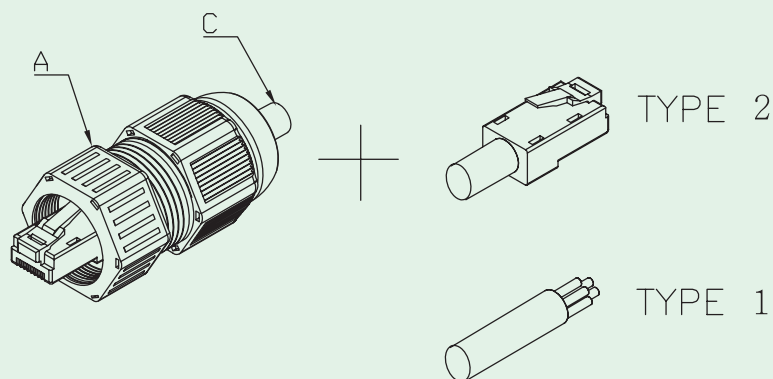


Screw Locking Waterproof Cable Assembly

KINSUN



NO.	NAME	COLOR	SPECIFICATION
A	3352 Plug W/Cable	BLACK	3352L02010+RJ45 Plug
B	Other Side Type	BLACK	See Below Table
C	Cable	BLACK	UL,Cat.5e



NO.	The Other Side Option Type
1	3352 Plug W/Cable
2	RJ45 Plug
3	Cable to be Flayed

Materials

Name	Color	Specification	QTY
Gasket	Red	Silicone	1
Body	Black	NY66	1
Seal	Red	Silicon	1
Seal Nut	Black	PBT	1



- **RJ45 Plug Housing** : PC
- **RJ45 Plug Contacts** : Phosphor Bronze, finish : Gold over Nickel
- **Cable** : Cat 5e.

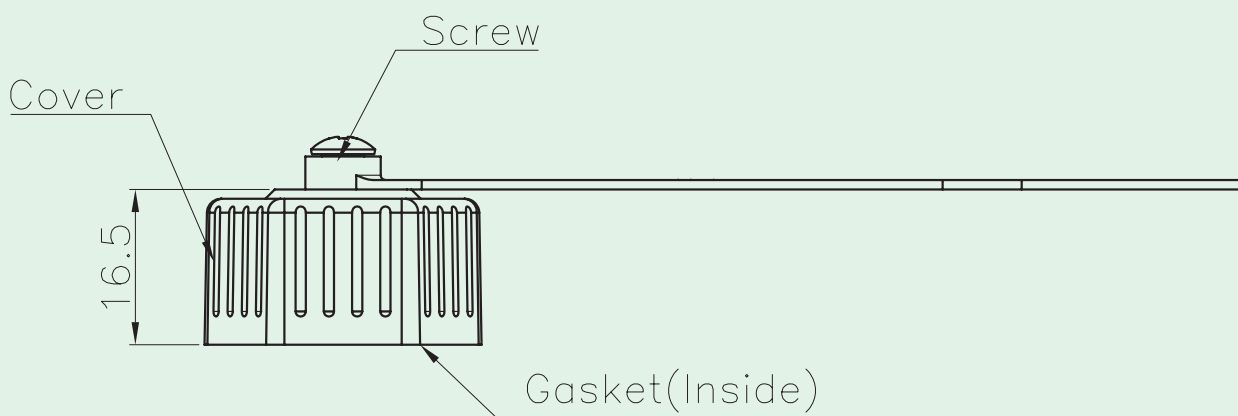
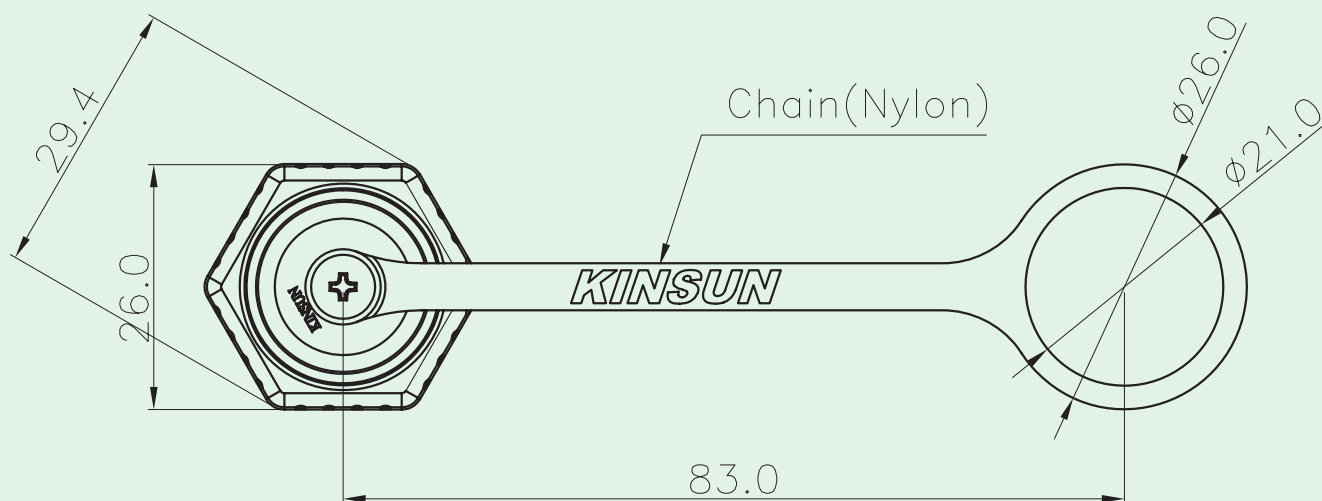
Ordering Information

3352-C Series



Screw Locking Waterproof Cap Cap With Nylon Chain

KINSUN



Materials

- **Cop** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Chain** : Nylon. Color.Black.
- **Screws** : Stainless Steel.
- **Casket** : Silicone.



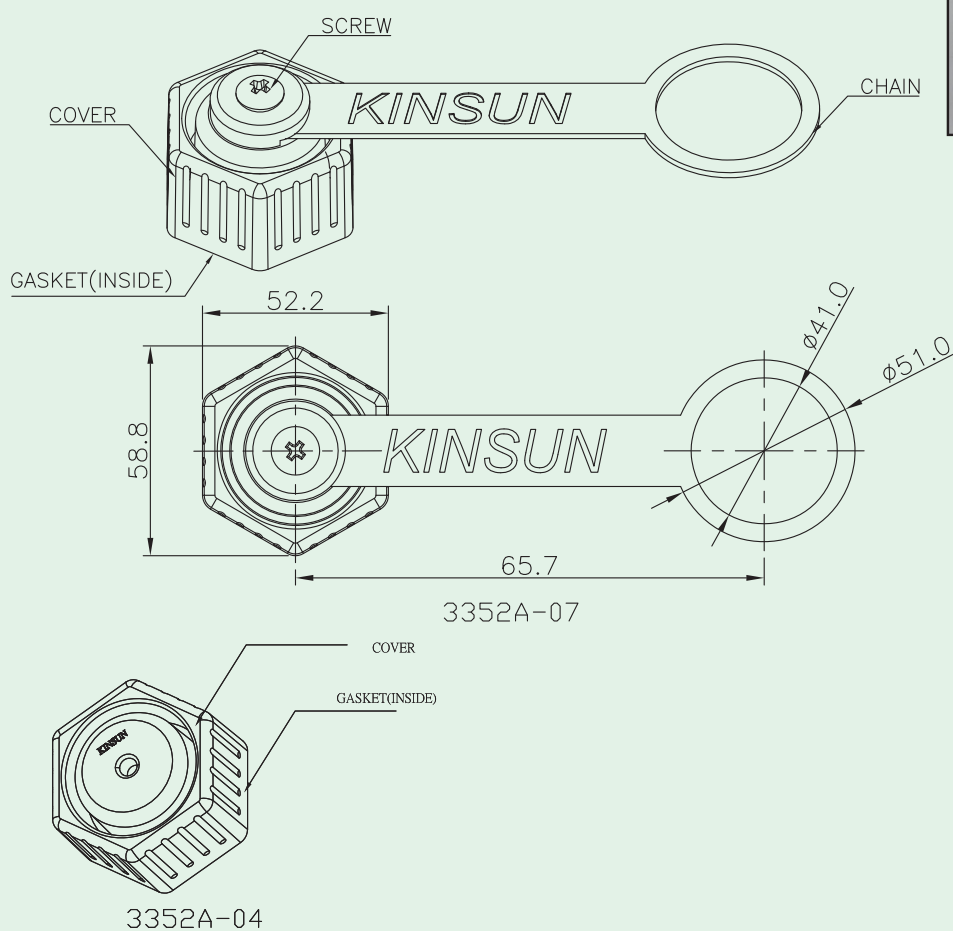
Ordering Information

3352A-09 : Cap With Chain



Screw Locking Waterproof Cap With Silicone Chain

KINSUN



Materials

- Cap : Engineering Thermoplastic
Flammability Rating UL 94V-0.
- Chain : Silicone.
- Screws : Stainless Steel.
- Gasket : Silicone.



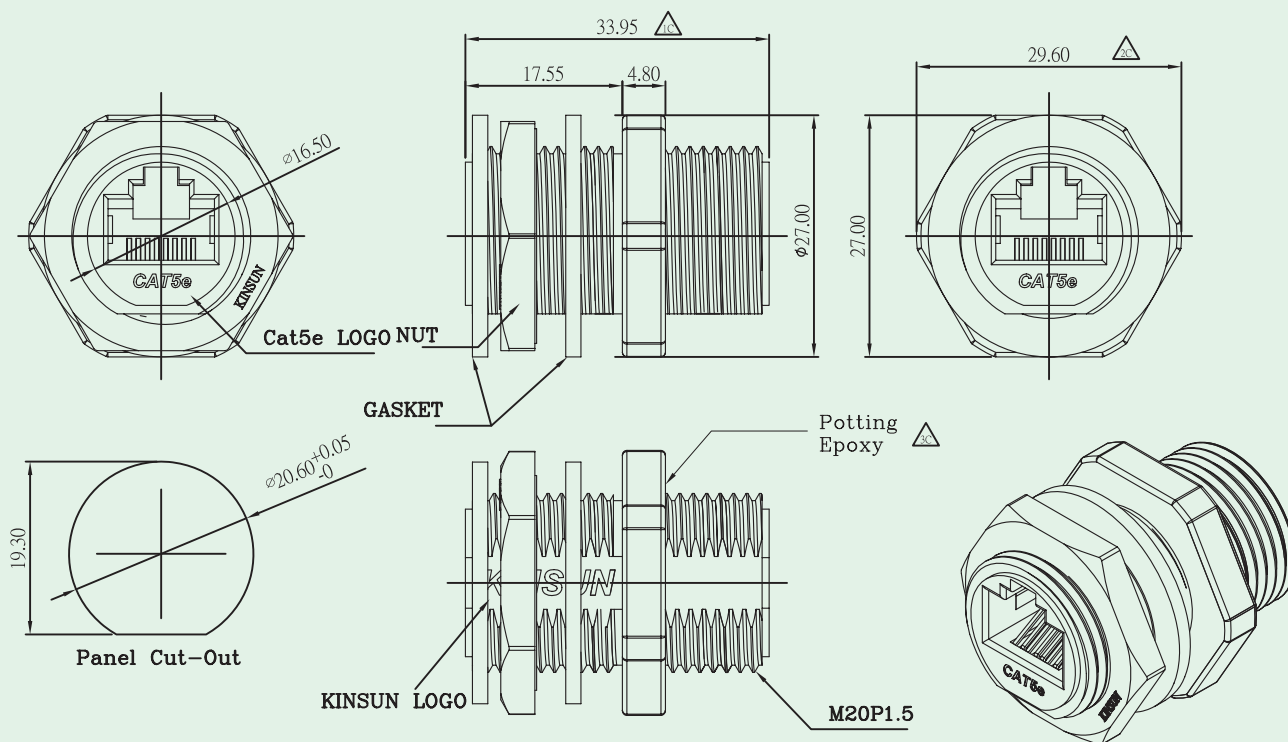
Ordering Information

3352A-04 : Cap and Seal only
3352A-07 : Cap With Chain



Screw Locking Waterproof RJ45 Cat. 5e Coupler Ø20mm

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : EPDM 70° COLOR : BLACK



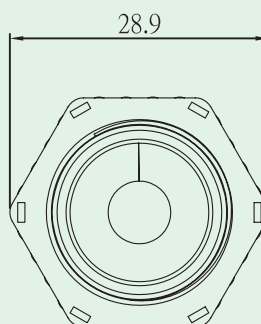
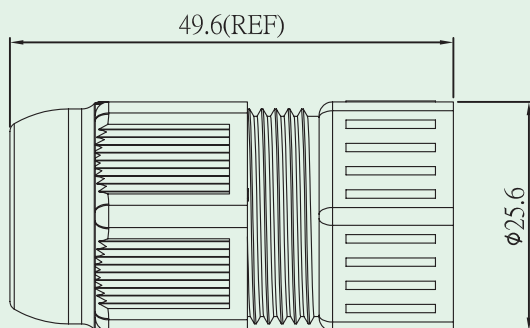
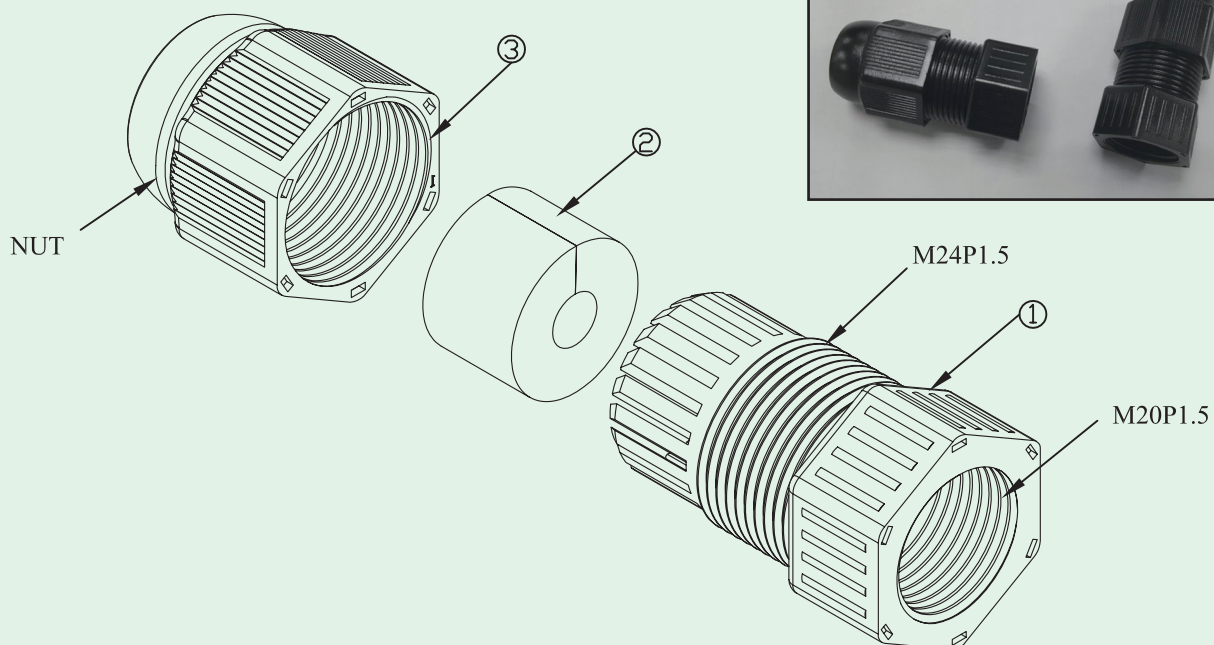
Ordering Information

3354C01402



Screw Locking Waterproof Cable Side M20P1.5

KINSUN



Materials

No.	Name	Color	Specification	QTY
1	Body	Black	PC	1
2	Seal	Red	Silicone	1
3	Seal Nut	Black	PC	1



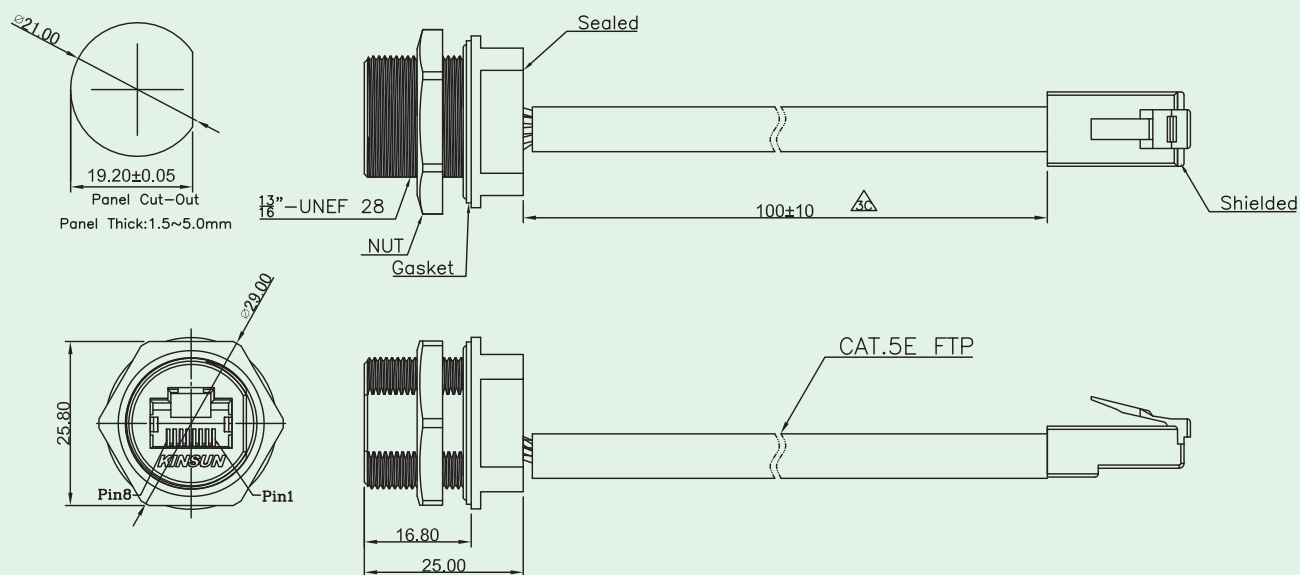
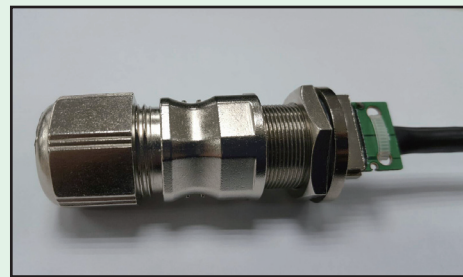
Ordering Information

3354L-11



Screw Locking Metal Waterproof RJ45 With Plug

KINSUN



Materials

- **Housing** : Zinc Alloy, Nickel Plated
- **Nut** : Copper Alloy, Nickel Plated
- **Gasket** : Silicone Color : Red
- **Contacts** : Phosphor Bronze
- **Plating** : Gold Plating Over Nickel In Contact.



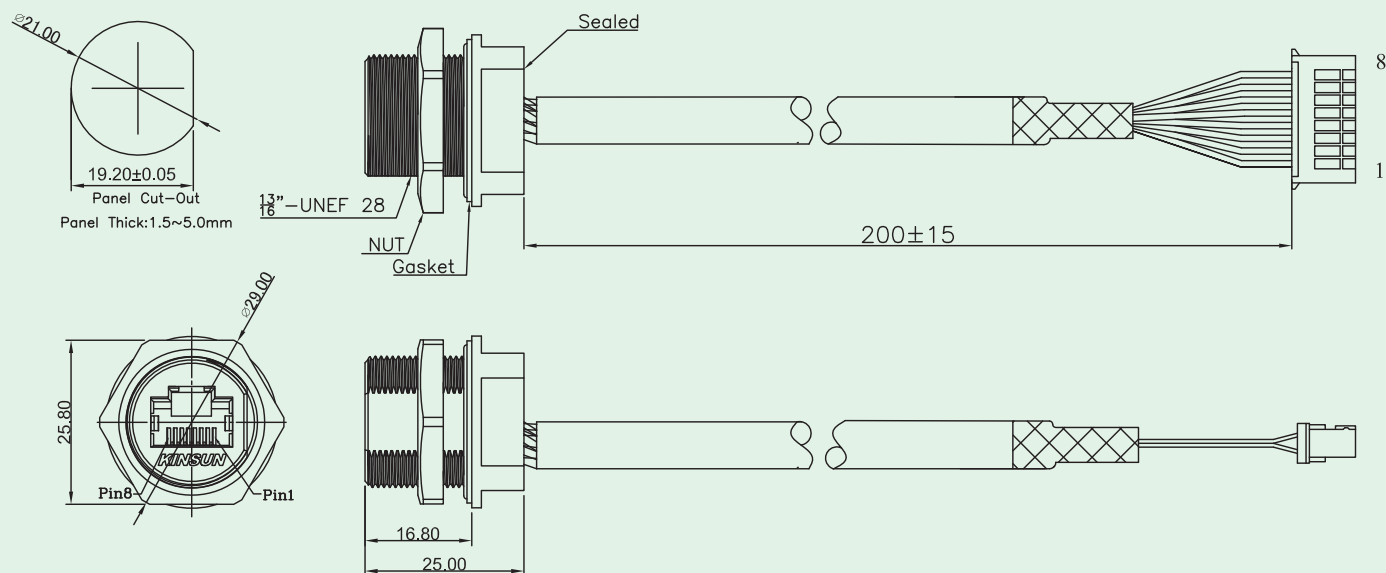
Ordering Information

3356D Series



Screw Locking Metal Waterproof RJ45 With Wire Harness

KINSUN



Materials

- **Housing** : Zinc Alloy, Nickel Plated
- **Nut** : Copper Alloy, Nickel Plated
- **Gasket** : Silicone Color : Red
- **Contacts** : Phosphor Bronze
- **Plating** : Gold Plating Over Nickel In Contact.
- **Housing** : Pitch 2.5mm



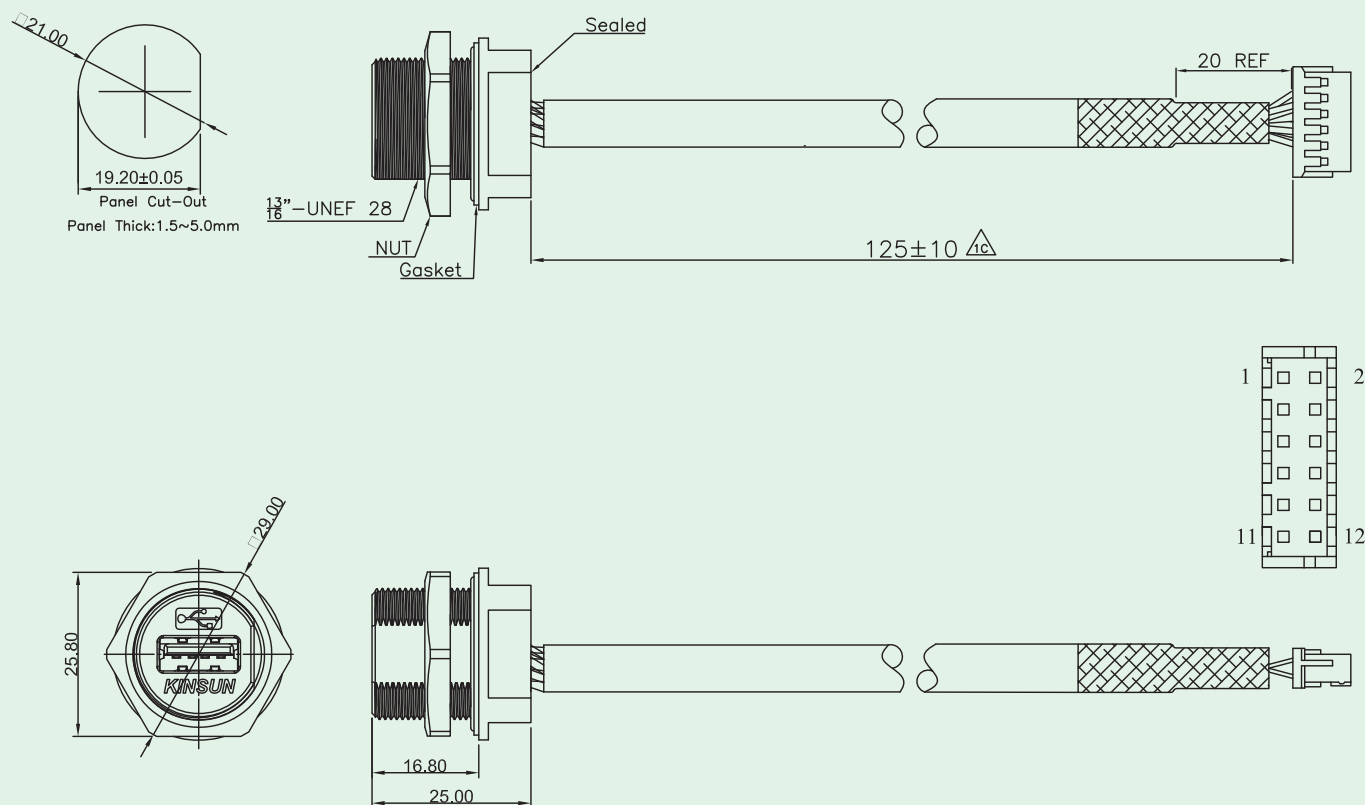
Ordering Information

3356E Series



Screw Locking Metal Waterproof USB With Wire Harness

KINSUN



Materials

- **Housing** : Zinc Alloy, Nickel Plated
- **Nut** : Copper Alloy, Nickel Plated
- **Gasket** : Silicone Color : Red
- **Housing** : Pitch 2.0mm



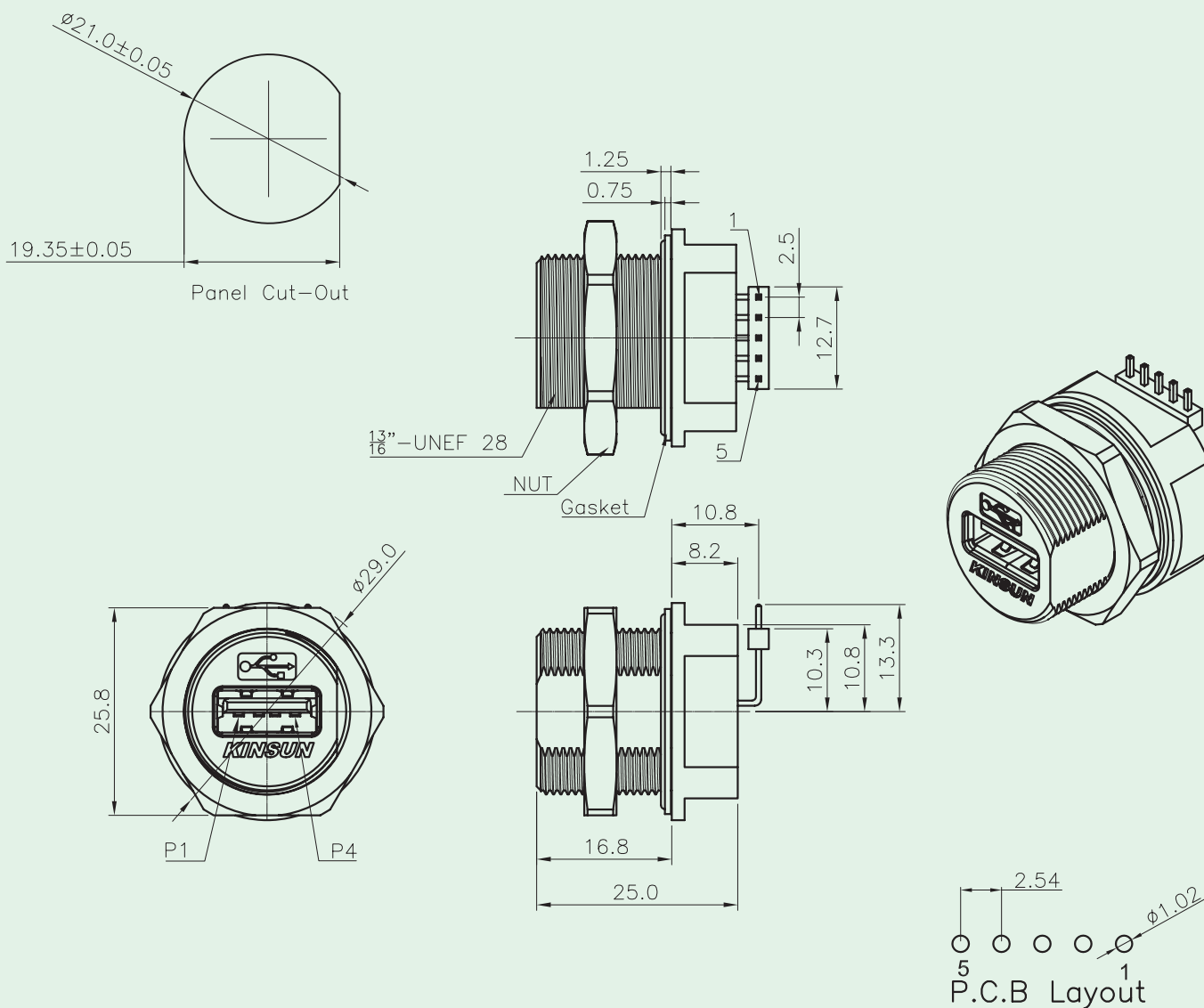
Ordering Information

3356U Series



Screw Locking Metal Waterproof USB Sealed Right Angle Dip Type

KINSUN



Materials

- **Housing** : Zinc Alloy, Nickel Plated
- **Nut** : Copper Alloy, Nickel Plated
- **Gasket** : Silicone Color : Black
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut Installation Torque Range Is** : 16~18kg - cm.
- **Panel Thickness**: 5.0mm Max.



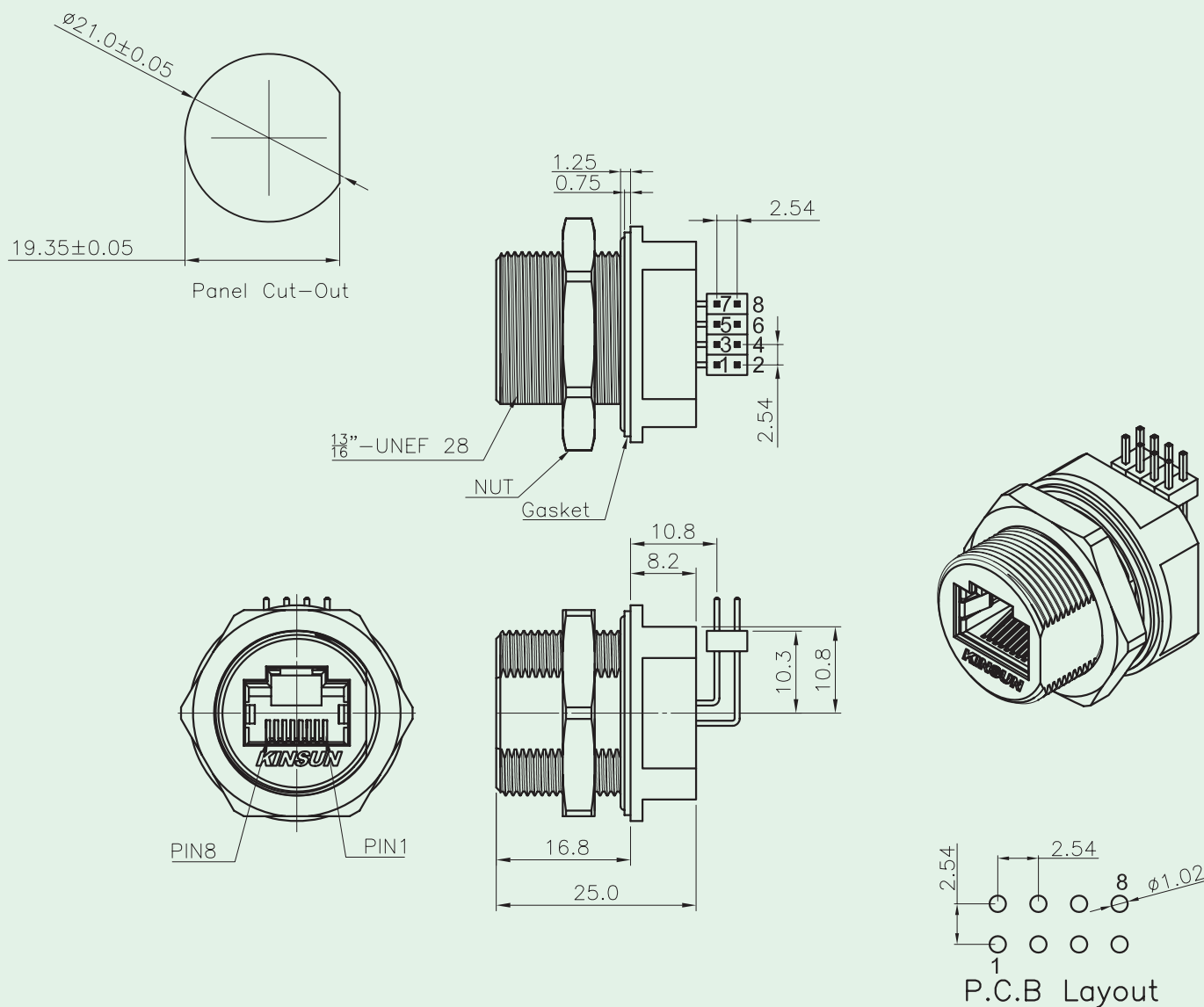
Ordering Information

3356U Series



Screw Locking Metal Waterproof RJ45 Sealed Right Angle Dip Type

KINSUN



Materials

- **Housing** : Zinc Alloy, Nickel Plated
- **Nut** : Copper Alloy, Nickel Plated
- **Gasket** : Silicone Color : Black
- **Contacts** : Phosphor Bronze
- **Plating** : Gold Plating Over Nickel In Contact.
- **Nut Installation Torque Range Is** : 16~18kg - cm.
- **Panel Thickness** : 5.0mm Max.



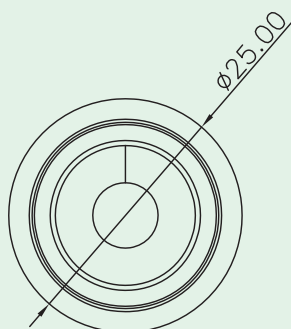
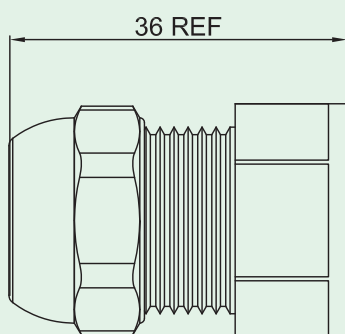
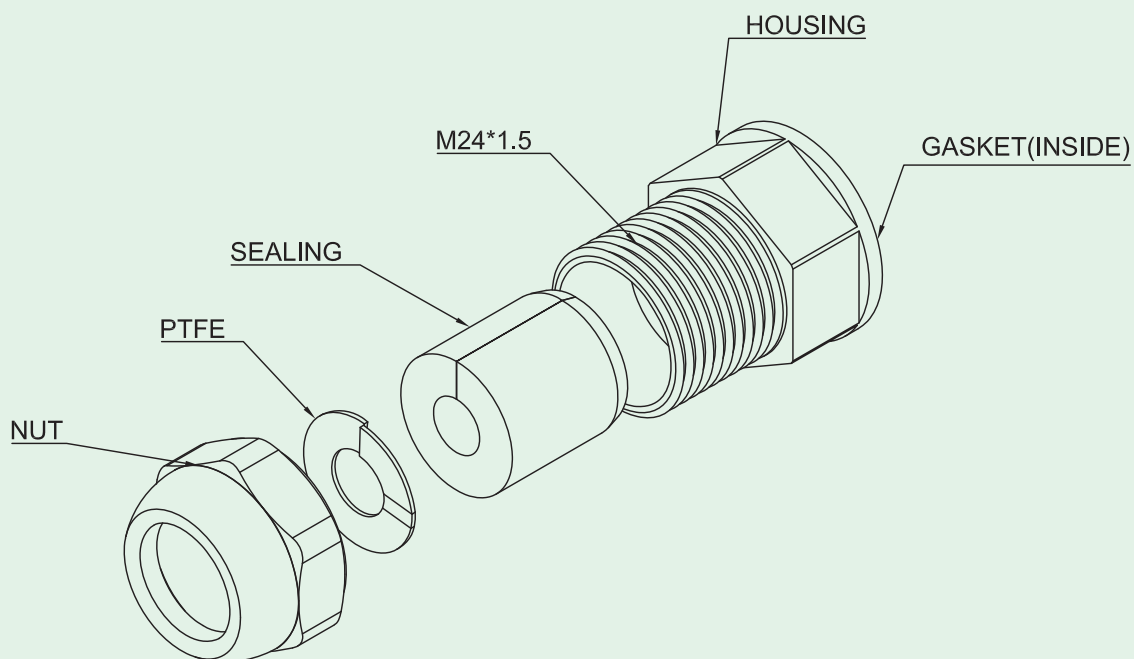
Ordering Information

3356F Series



Screw Locking Metal Waterproof Cable Side

KINSUN



Materials

- **Housing** : Copper Alloy, Nickel Plated
- **Nut** : Zinc Alloy, Nickel Plated
- **Gasket** : Silicone Color : Red
- **Sealyng** : Silicone Color : Red
- **TPFE** : Polytetrafluoroethylene



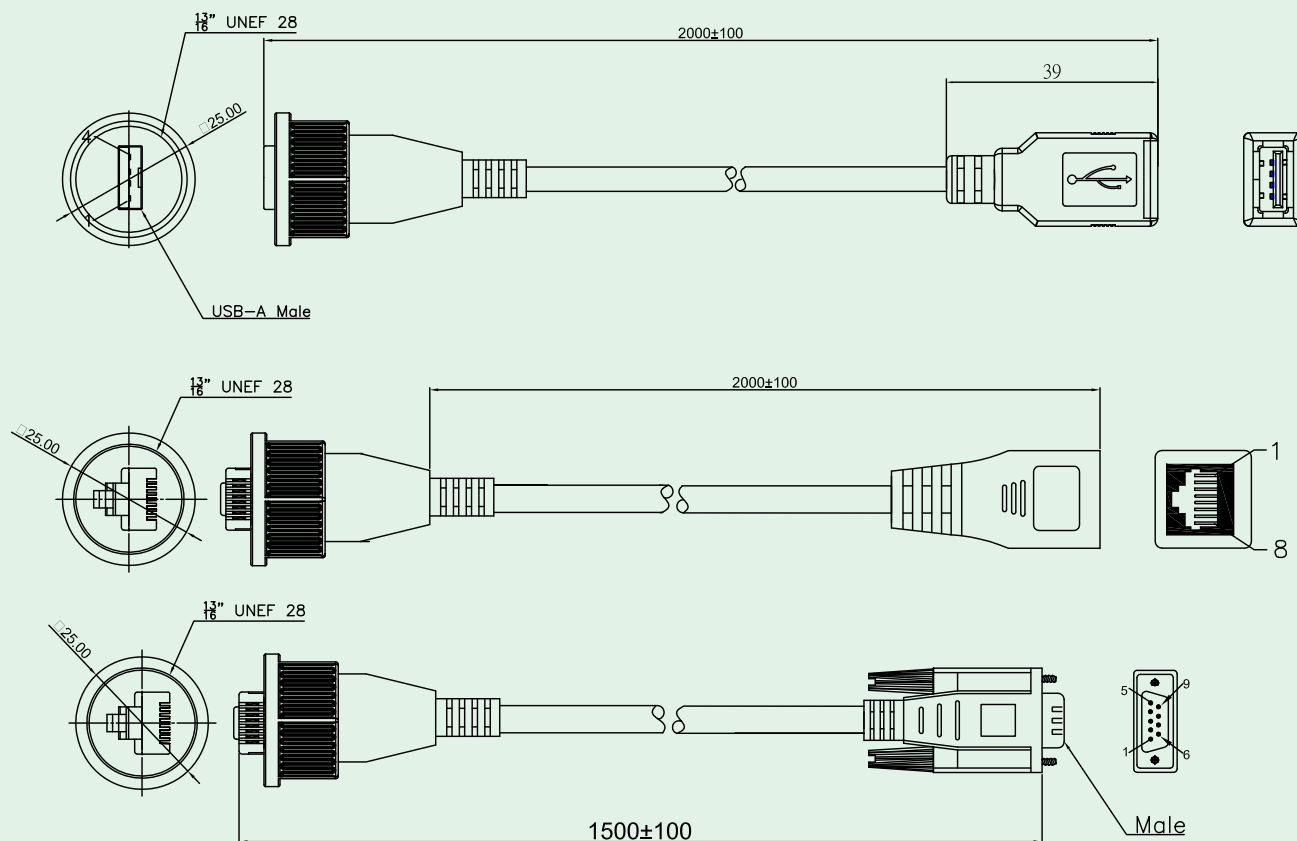
Ordering Information

3356L Series



Screw Locking Metal Waterproof Cable Assembly

KINSUN



Materials

- Cap : Zinc Alloy, Nickel Plated
- Gasket : Silicone Color : Red



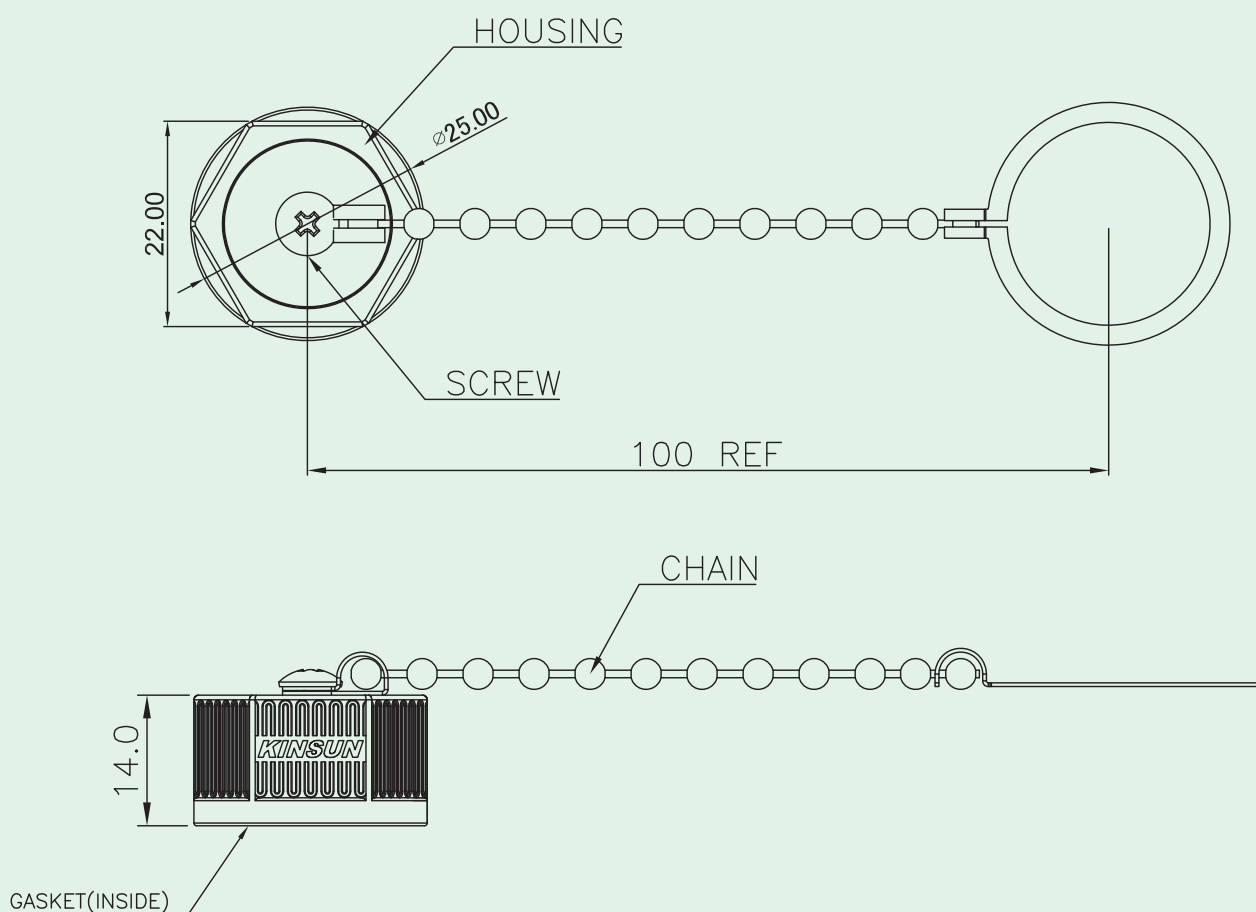
Ordering Information

3356C Series



Screw Locking Metal Waterproof Cap

KINSUN



Materials

- **Housing** : Zinc Alloy, Nickel Plated
- **Gasket** : Silicone Color : Red
- **Chain** : Stainless Steel
- **Screw** : Stainless Steel



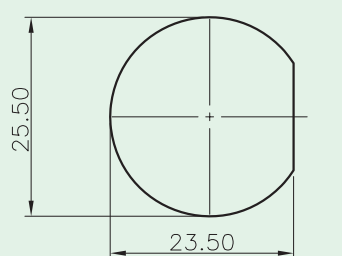
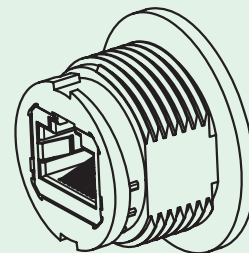
Ordering Information

3356A Series

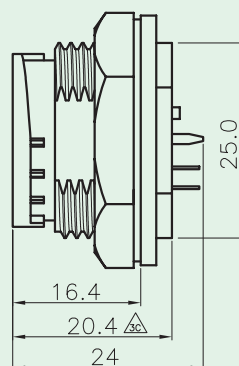
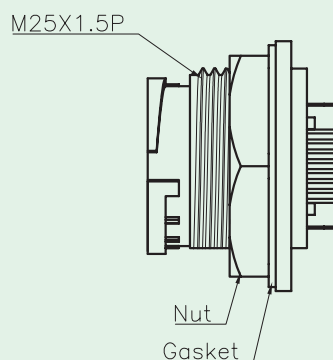
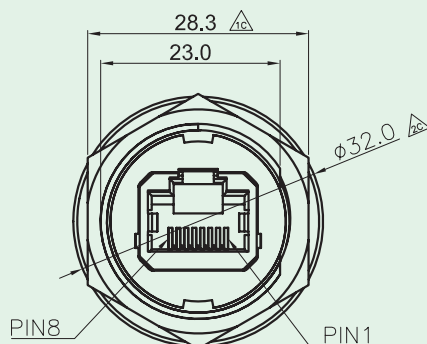


Quick Locking Dip Type Waterproof Cat.5e RJ45

KINSUN



Panel Cut-out
Panel Thick: 1.5~4.5mm



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
Tin Plating Over Nickel In Solder Area.
- **Shielded** : Bress With Nickel Plated.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.



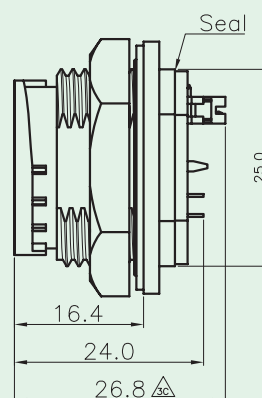
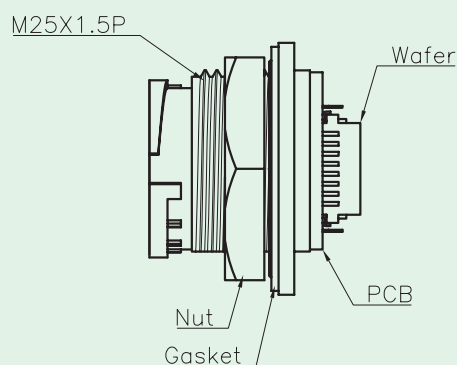
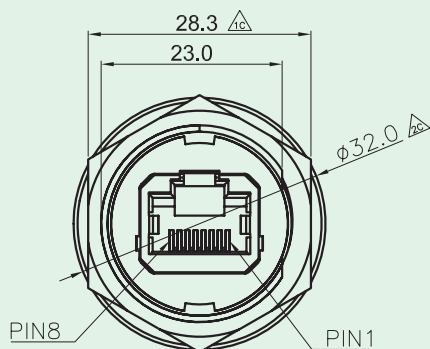
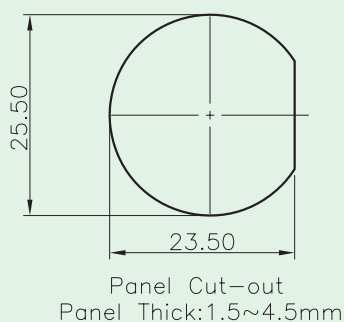
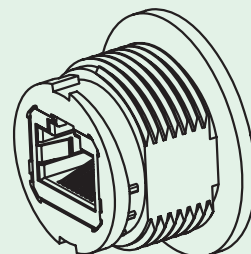
Ordering Information

3351D02030



Quick Locking Waterproof Cat.5e RJ45 With Wafer

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
Tin Plating Over Nickel In Solder Area.
- **Shielded** : Bress With Nickel Plated.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.



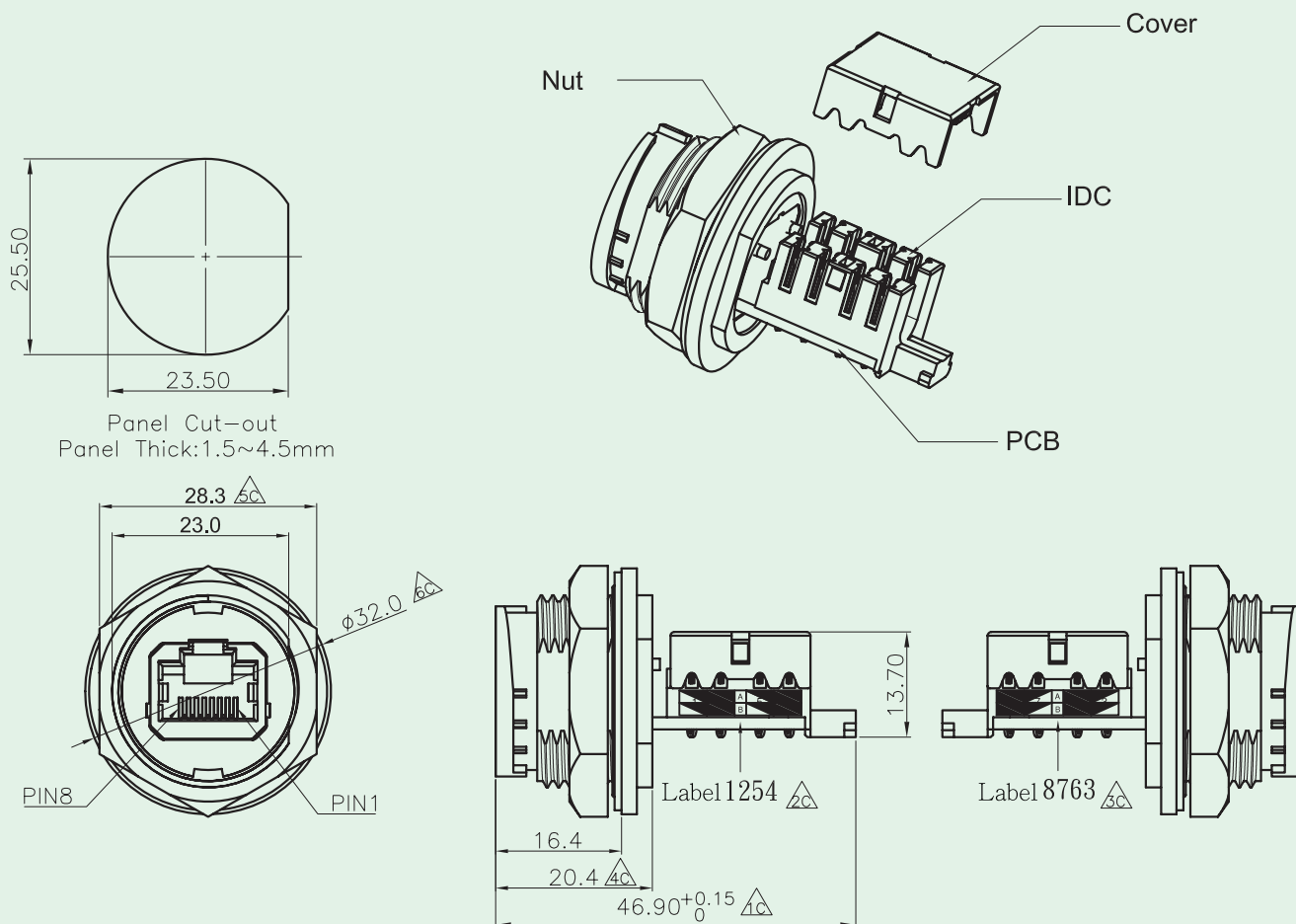
Ordering Information

3351D02130



Quick Locking Waterproof Cat.6 RJ45 With IDC

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
Tin Plating Over Nickel In Solder Area.
- **Shielded** : Bress With Nickel Plated.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.
- **IDC Pin** : Brass.
- **IDC Pin Plating** : Tin Plating Over Nickel.



Ordering Information

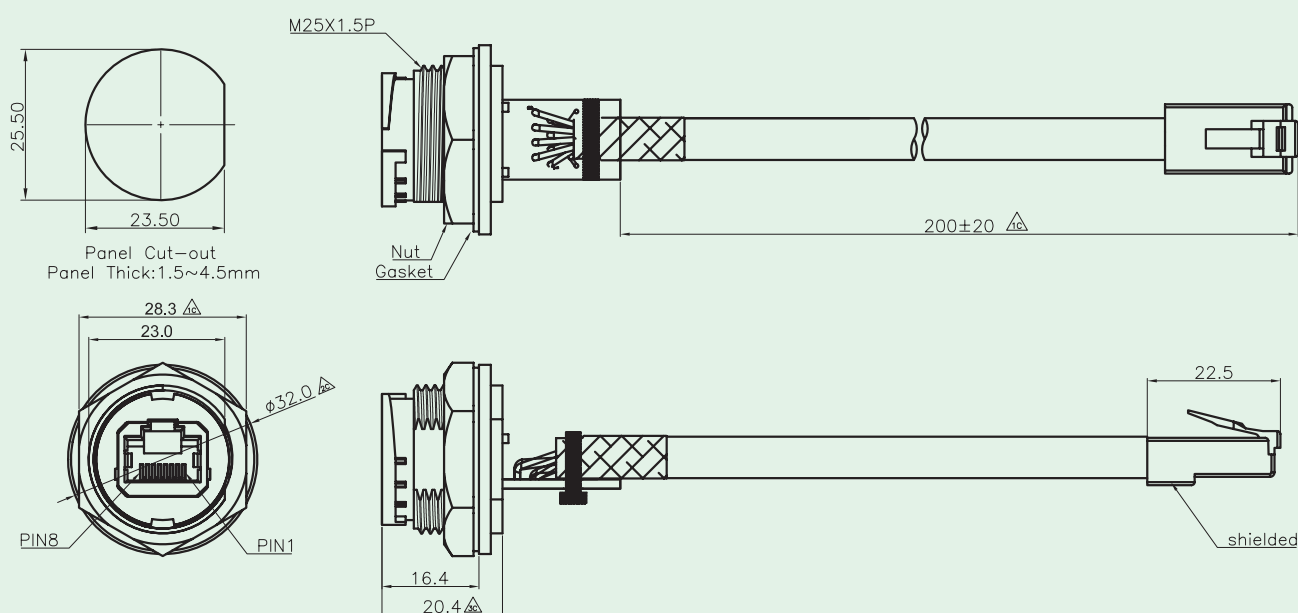
3351F02030



Quick Locking Waterproof Cat. 5e RJ45 With Cable And Plug

KINSUN

Shielded	Drain		shielede	
8	Brown	棕	8	Twist
7	Brown/White	棕/白	7	
6	Green	綠	6	Twist
5	Blue/White	藍/白	5	
4	Blue	藍	4	Twist
3	Green/White	綠/白	3	
2	Orange	橙	2	Twist
1	Orange/White	橘/白	1	
Conn		Wire Color	Housing	



Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor Bronze.
- **Plating** : Gold Plating Over Nickel In Contact.
Tin Plating Over Nickel In Solder Area.
- **Shielded** : Bress With Nickel Plated.
- **Nut** : Engineering Thermoplastic Flammability Rating UL 94V-0
- **Gasket** : Silicone.
- **Gable** : Cat. 5e,FTP,24AWG*4P,PVC Jakect Black.



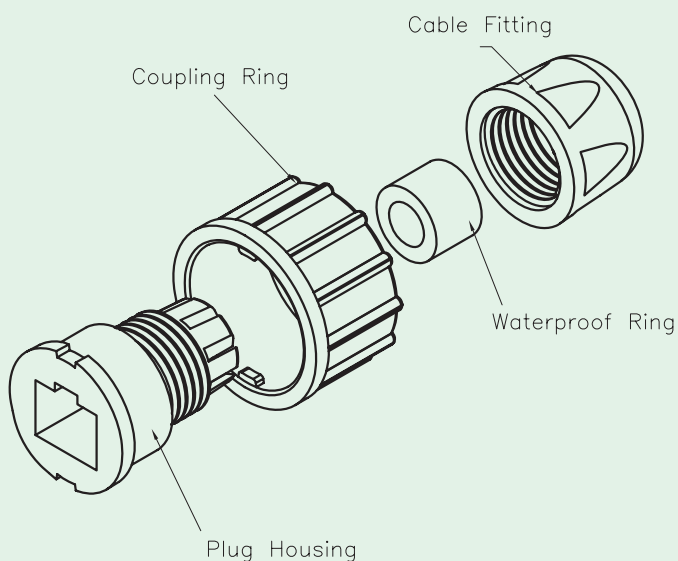
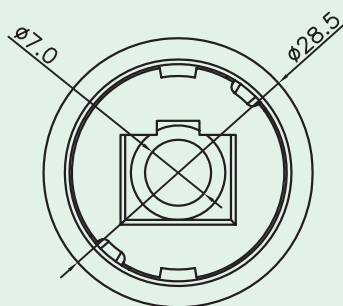
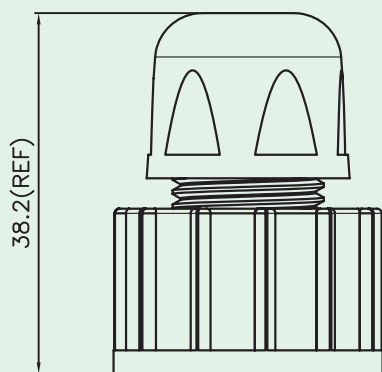
Ordering Information

3351H02030



Quick Locking Waterproof Cable Side

KINSUN



Materials

- **Coupling Ring** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Plup Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Cable Fitting** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **O-ring** : Silicone.
- **Waterproof Ring** : Silicone.
- **Applicable Ethernet Cable Diameter Range** : $\phi 5.5 \sim \phi 7.0$



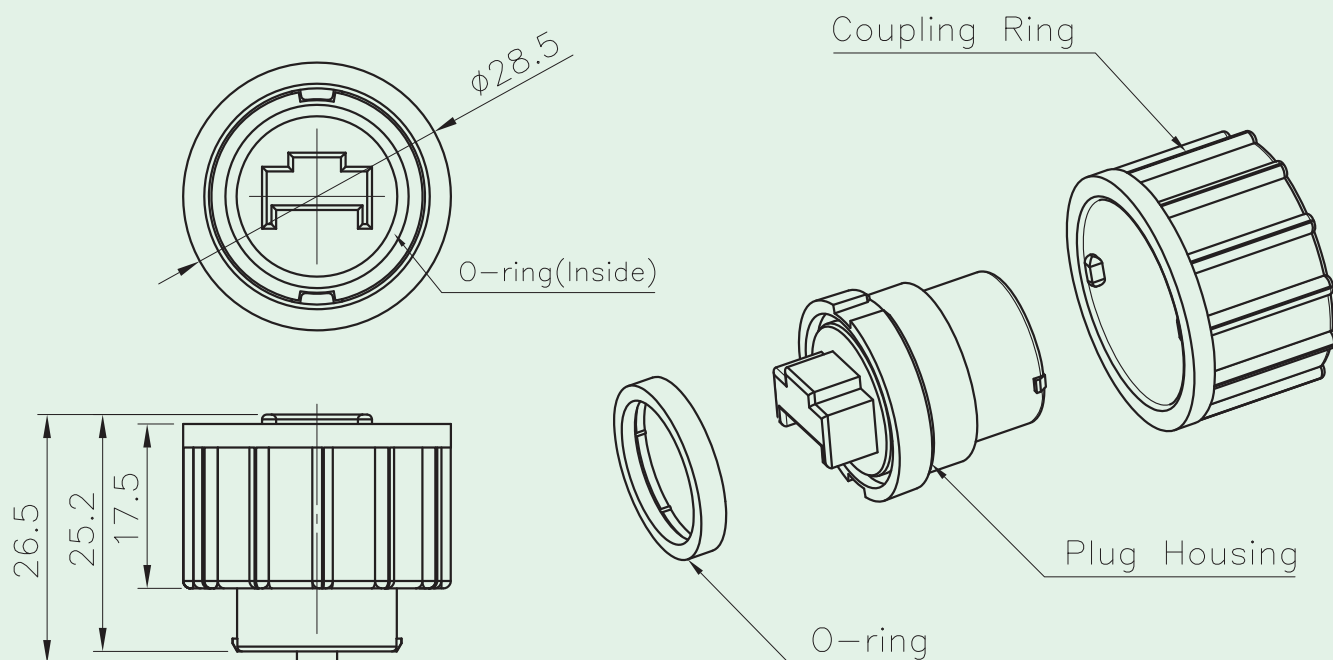
Ordering Information

3351L-02



Quick Locking Waterproof Cap

KINSUN



Materials

- **Coupling Ring** : Engineering Thermoplastic
Flammability Rating UL 94V-0.
- **Plug Housing** : Engineering Thermoplastic
Flammability Rating UL 94V-0.
- **O-ring** : Silicone.



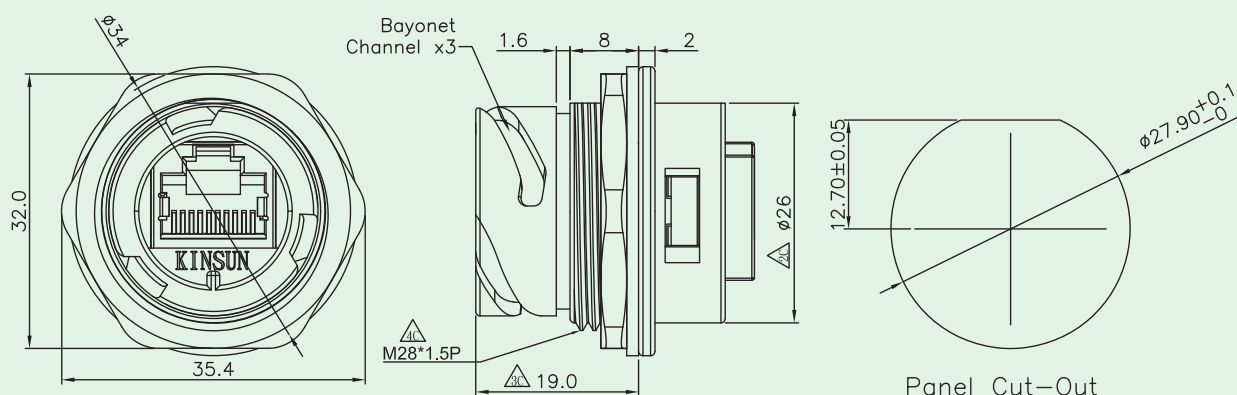
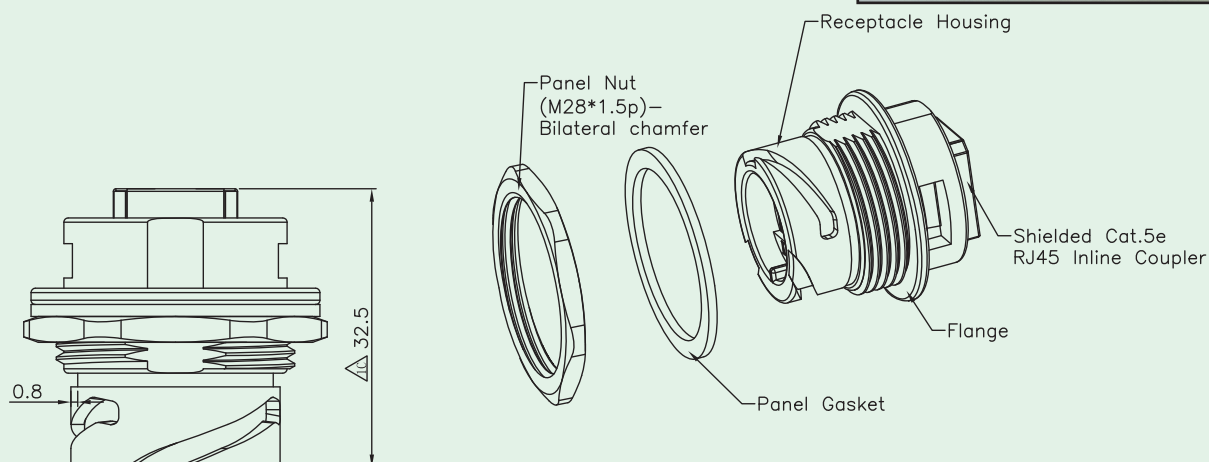
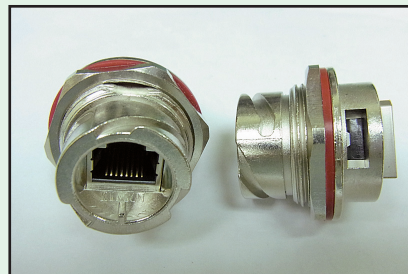
Ordering Information

3351A-02



Quick Locking Metal Waterproof RJ45 Cat.5e Coupler

KINSUN



Materials

- **Receptacle Housing** : Zn Alloy 3, Nickel Plated
 - **Panel Nut** : Coper Alloy, Nickel Plated
 - **Panel Gasket** : Sillcon
 - **RJ45 Jack Metal Shell** : Coper Alloy, Nickel Plated
 - **RJ45 Jack Plastic Housing** : Engineerng Thermoplastic Flammability Rating UL94 V-0
 - **RJ45 Jack Contact** : Phosphor Bronze, finish : Gold over Nickel
- Connector can be front mounted to a maximum panel thickness of 3.2mm.



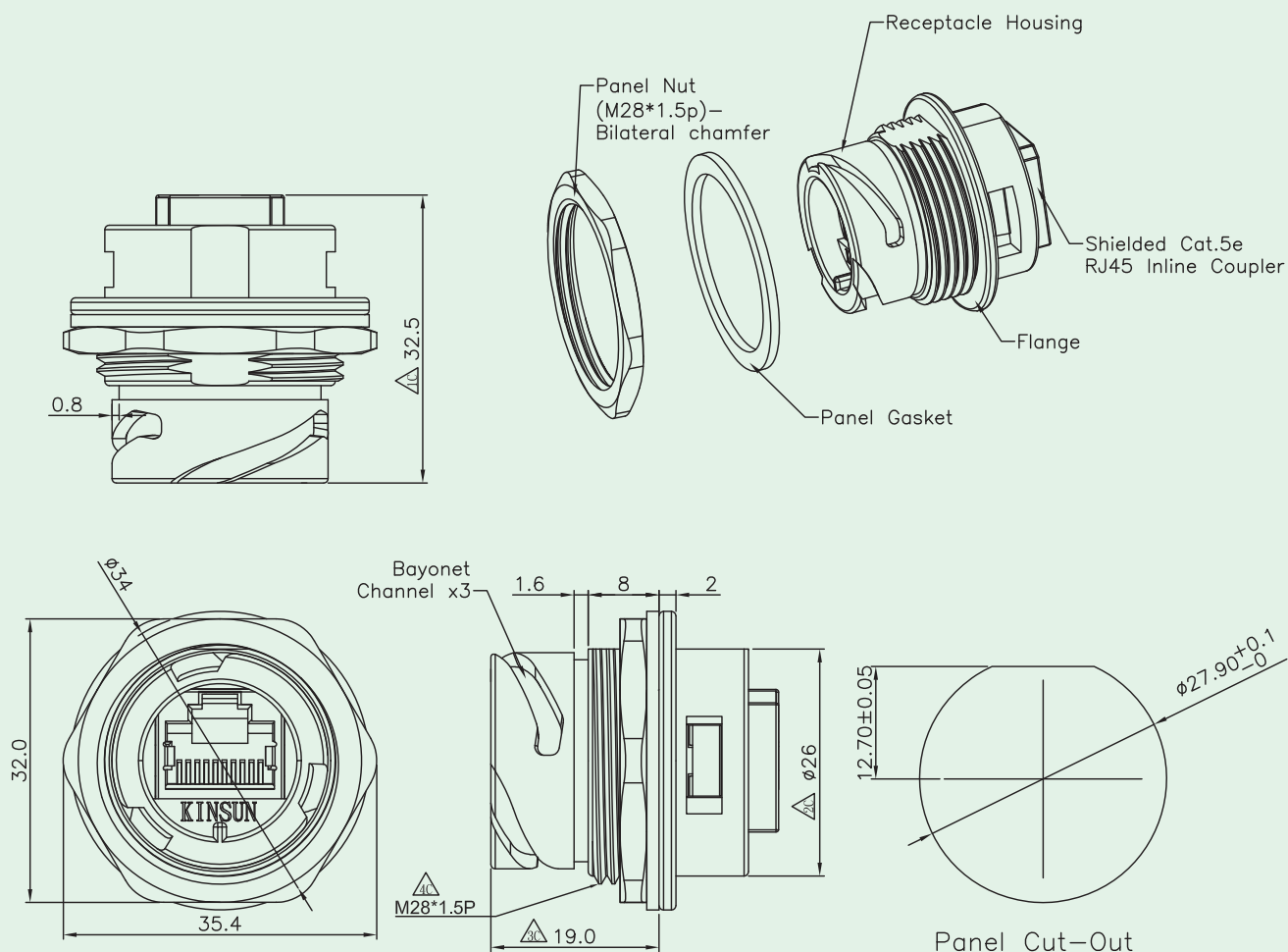
Ordering Information

3353D00040



Quick Locking Metal Waterproof RJ45 Cat.6a Coupler

KINSUN



Materials

- **Receptacle Housing** : Zn Alloy 3, Nickel Plated
 - **Panel Nut** : Coper Alloy, Nickel Plated
 - **Panel Gasket** : Sillcon
 - **RJ45 Jack Metal Shell** : Coper Alloy, Nickel Plated
 - **RJ45 Jack Plastic Housing** : Engineering Thermoplastic Flammability Rating UL94 V-0
 - **RJ45 Jack Contact** : Phosphor Bronze, finish : Gold over Nickel
- Connector can be front mounted to a maximum panel thickness of 3.2mm.



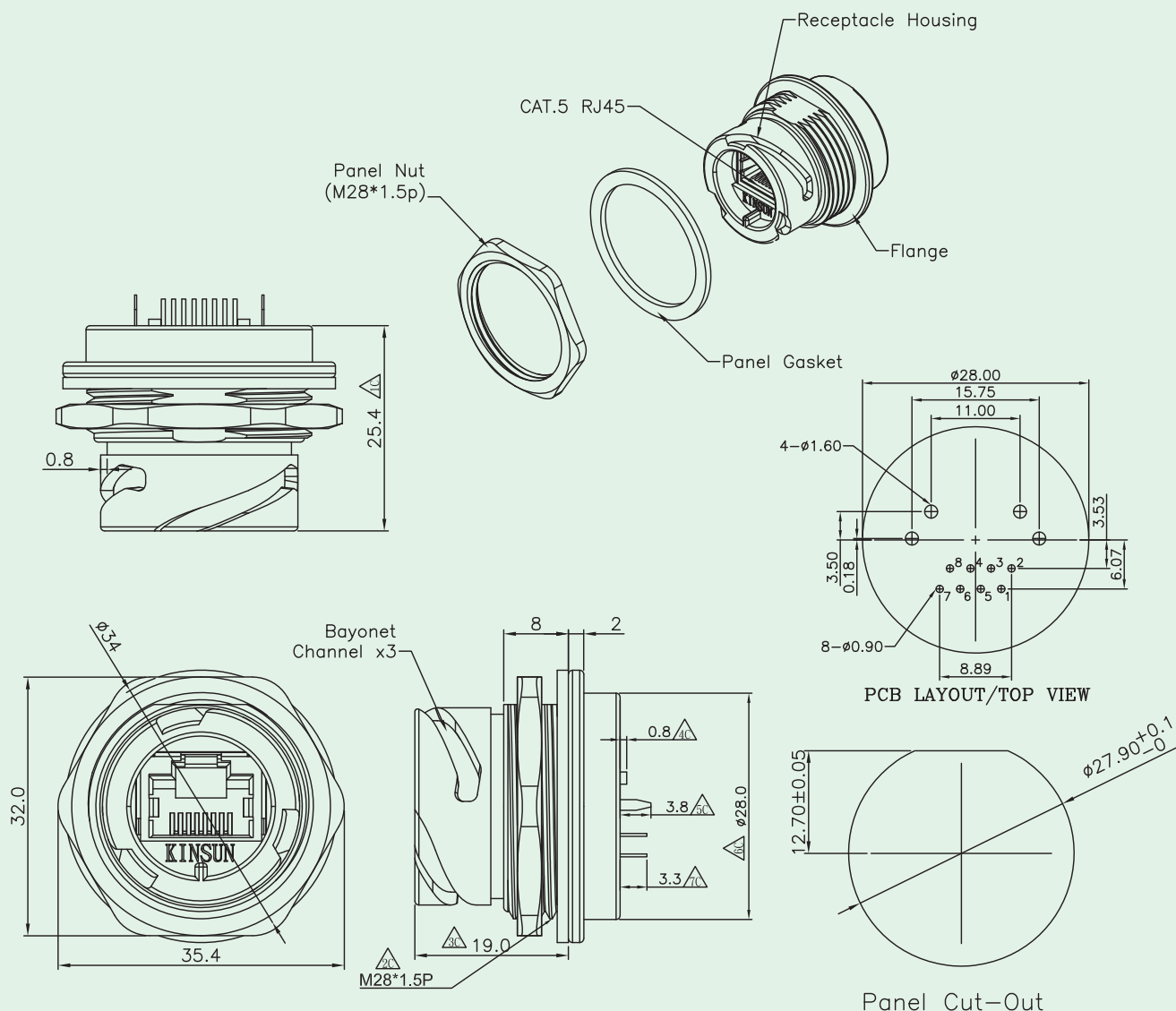
Ordering Information

3353D00140



Quick Locking Metal RJ45 Dip Type

KINSUN



Materials

- **Receptacle Housing** : Zn Alloy 3, Nickel Plated
- **Panel Nut** : Coper Alloy, Nickel Plated
- **Panel Gasket** : Sillcon
- **RJ45 Jack Metal Shell** : Coper Alloy, Nickel Plated
- **RJ45 Jack Plastic Housing** : Engineering Thermoplastic Flammability Rating UL94 V-0
- **RJ45 Jack Contact** : Phosphor Bronze, finish : Gold over Nickel

Connector can be front mounted to a maximum panel thickness of 3.2mm.



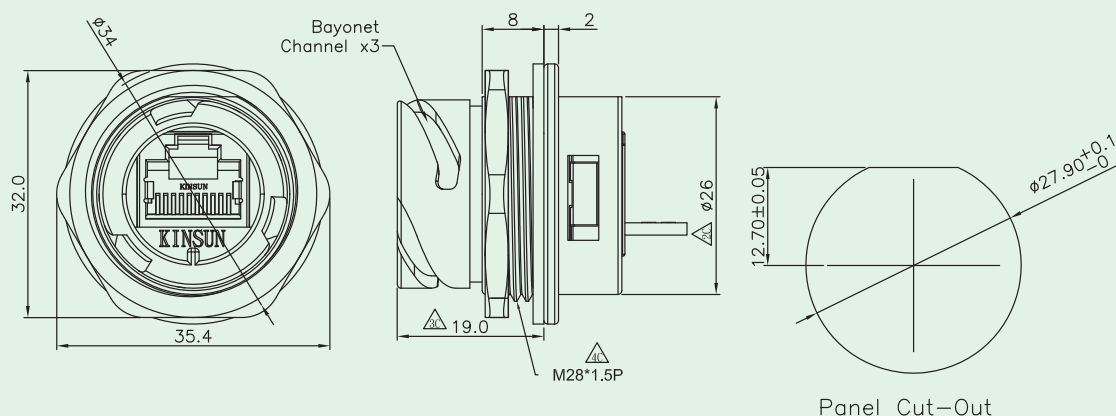
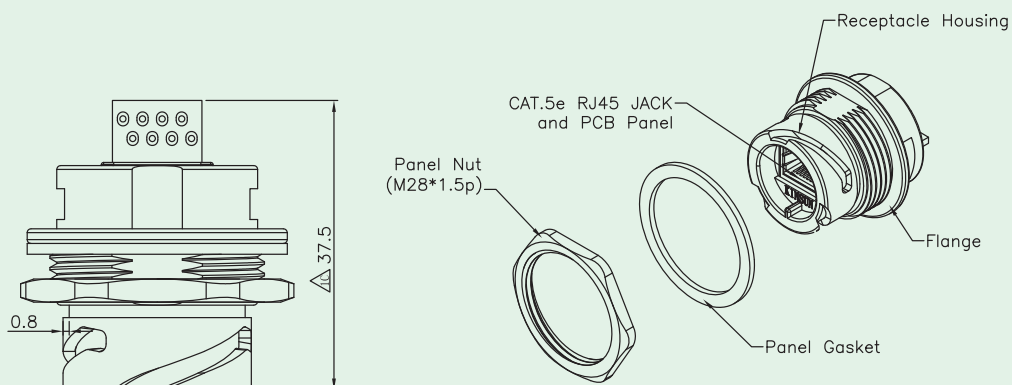
Ordering Information

3353E00140



Quick Locking Metal Waterproof RJ45 With PCB

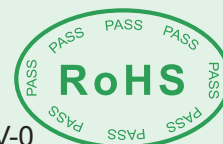
KINSUN



Materials

- **Receptacle Housing** : Zn Alloy 3, Nickel Plated
- **Panel Nut** : Coper Alloy, Nickel Plated
- **Panel Gasket** : Sillcon
- **RJ45 Jack Metal Shell** : Coper Alloy, Nickel Plated
- **RJ45 Jack Plastic Housing** : Engineering Thermoplastic Flammability Rating UL94 V-0
- **RJ45 Jack Contact** : Phosphor Bronze, finish : Gold over Nickel

Connector can be front mounted to a maximum panel thickness of 3.2mm.



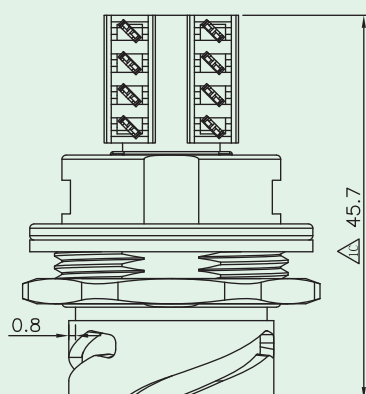
Ordering Information

3353F00040

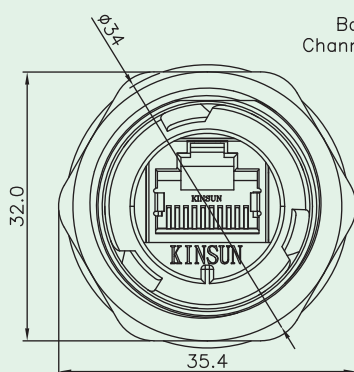
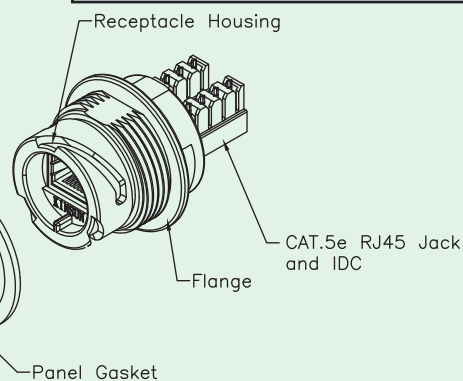
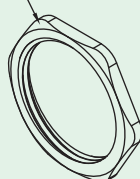


Quick Locking Metal Waterproof Cat.5e Jack With IDC

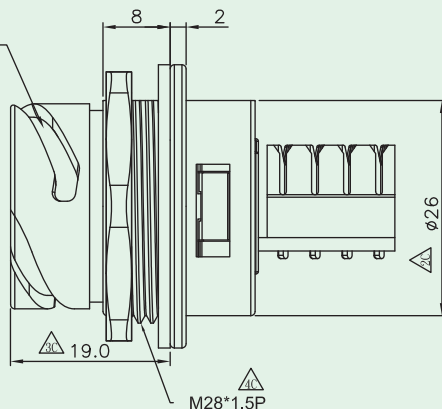
KINSUN



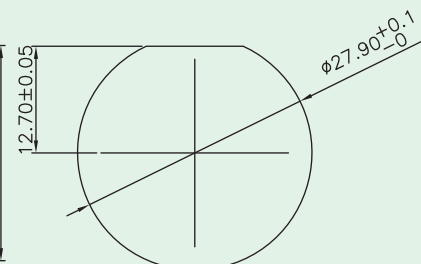
Panel Nut
(M28*1.5p)



Bayonet
Channel x3



Panel Cut-Out



Materials

- **Receptacle Housing** : Zn Alloy 3, Nickel Plated
- **Panel Nut** : Coper Alloy, Nickel Plated
- **Panel Gasket** : Sillcon
- **RJ45 Jack Metal Shell** : Coper Alloy, Nickel Plated
- **RJ45 Jack Plastic Housing** : Engineering Thermoplastic Flammability Rating UL94 V-0
- **RJ45 Jack Contact** : Phosphor Bronze, finish : Gold over Nickel

Connector can be front mounted to a maximum panel thickness of 3.2mm.



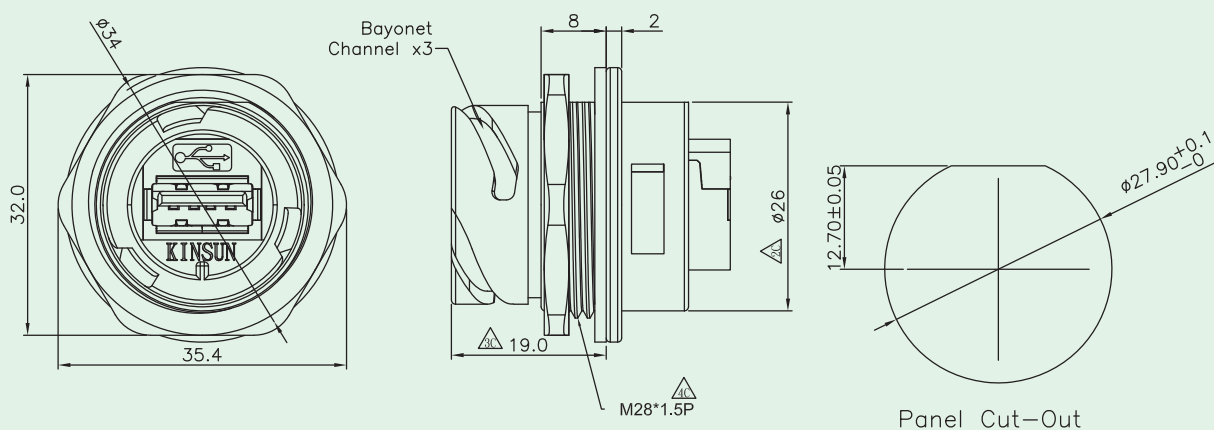
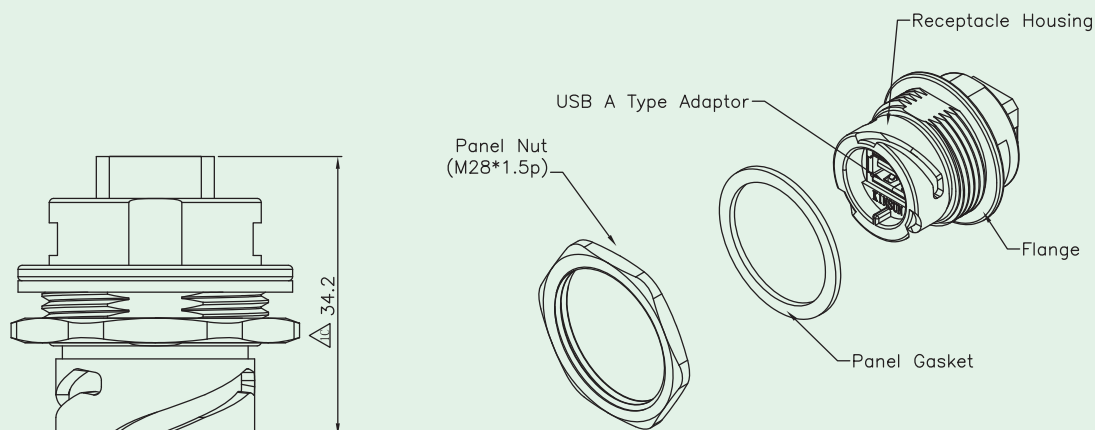
Ordering Information

3353H00040



Quick Locking Metal Waterproof USB/A Type Coupler

KINSUN



Materials

- **Receptacle Housing** : Zn Alloy 3, Nickel Plated
- **Panel Nut** : Coper Alloy, Nickel Plated
- **Panel Gasket** : Sillcon
- **USB CONN** : USB A Type
- **Contact** : Gold over Nickel

Connector can be front mounted to a maximum panel thickness of 3.2mm.



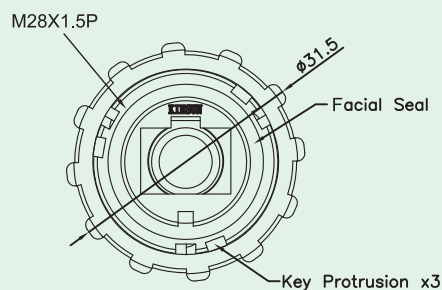
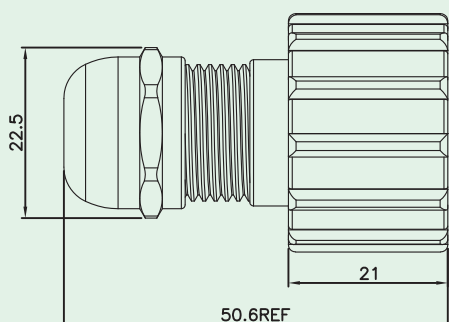
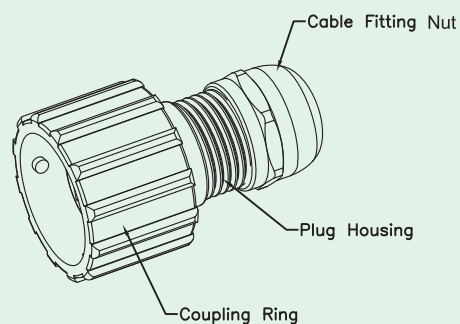
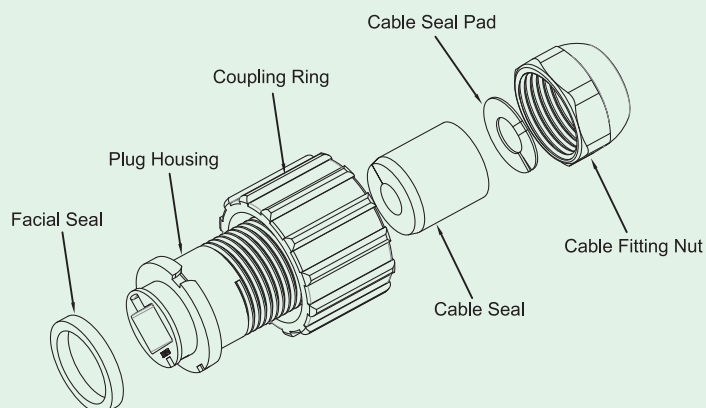
Ordering Information

3353K00030



Quick Locking Metal Waterproof Cable Side

KINSUN



Materials

NAME	SPECIFICATION	QTY	NOTE
Coupling Ring	Zn Alloy 3, Nickel Plated	1	
Plug Housing	Zn Alloy 3, Nickel Plated	1	
Cable Fitting Nut	Coper Alloy, Nickel Plated	1	
Facial Seal	Silicon, Red	1	
Cable Seal	Silicon, Red	1	
Cable Seal Pad	Teflon, White	1	



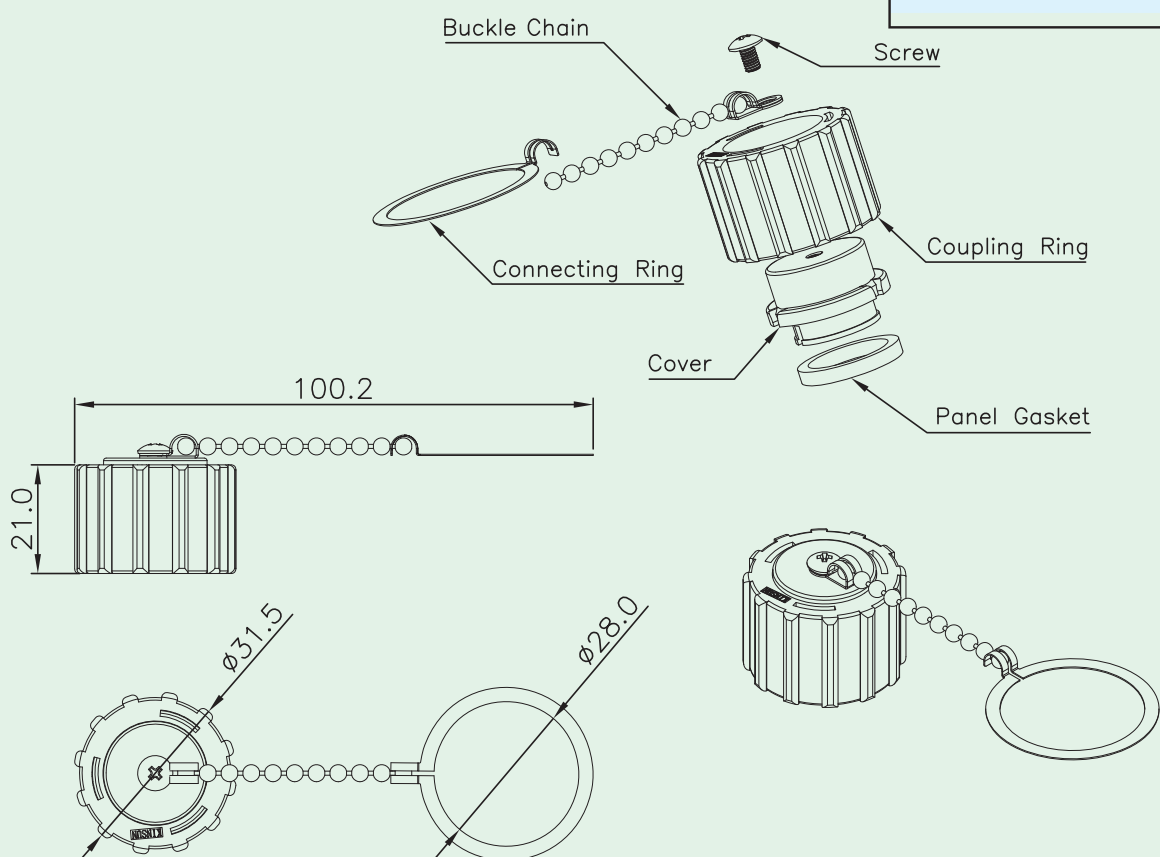
Ordering Information

3353L01000



Quick Locking Metal Waterproof Cap With Chain

KINSUN



Materials

NAME	SPECIFICATION	QTY
Connecting Ring	Stainless steel	1
Screw	Stainless steel	1
Buckle Chain	Stainless steel	1
Gasket	Silicon	1
Coupling Ring	Zn Alloy 3,Nickel Plated	1
Cover	Zn Alloy 3,Nickel Plated	1



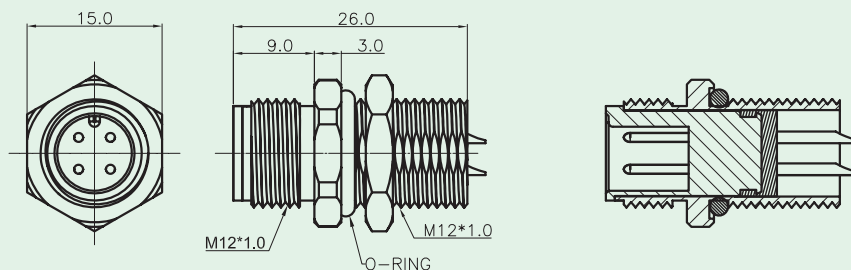
Ordering Information

3353A-02

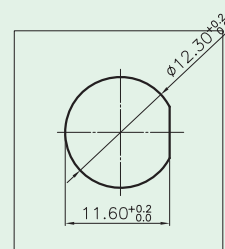
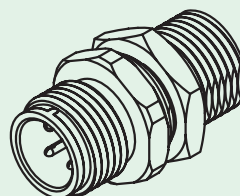


Waterproof M12 Male Rear Mount Solder Wire

KINSUN



Contacts	A-Coding	Rated Current/Voltage
2~5PIN		2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]
6~8PIN		2A/30V AC/DC
9~12PIN		1.5A/30V AC/DC
13~17PIN		1.5A/30V AC/DC



Panel Cut-out

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Brass. Gold Over Nickel.
- **O-ring** : EPDM. Cold : Black.
- **Shield** : Bress With Nickel Plated.
- **Panel Thickness** : 9.0mm Max.
- **Temperature Range** : -40°C ~ 85°C



Ordering Information

4001 X X X

A=Male
N=Female

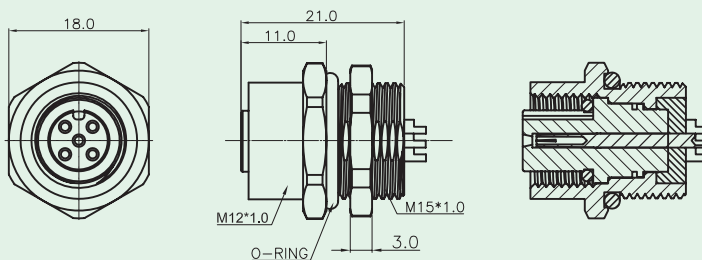
A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...

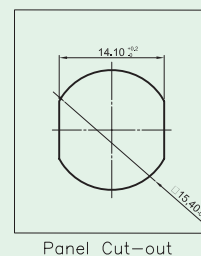
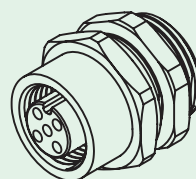


Waterproof M12 Female Rear Mount Solder Wire

KINSUN



Contacts	A-Coding	Rated Current/Voltage
2~5PIN		2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]
6~8PIN		2A/30V AC/DC
9~12PIN		1.5A/30V AC/DC
13~17PIN		1.5A/30V AC/DC



Panel Cut-out

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Brass. Gold Over Nickel.
- **O-ring** : EPDM. Cold : Black.
- **Shield** : Bress With Nickel Plated.
- **Panel Thickness** : 5.0mm Max.
- **Temperature Range** : -40°C~85°C



Ordering Information

4001 X X X

A=Male
N=Female

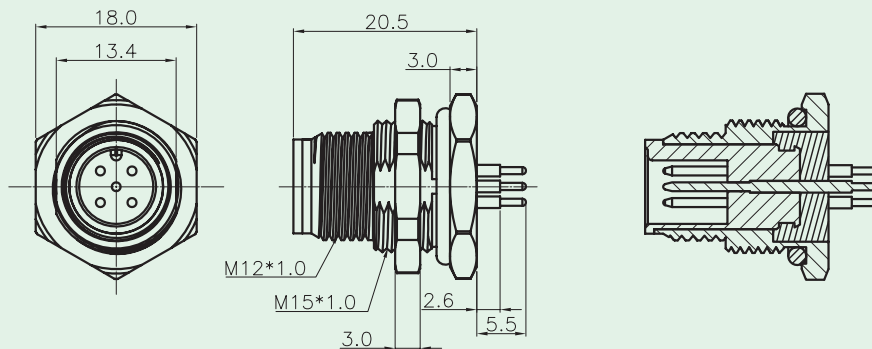
A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...

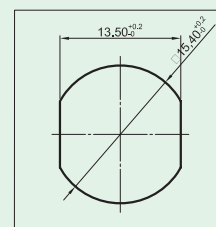
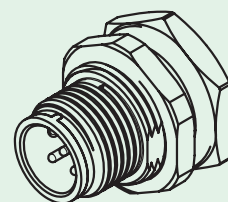


Waterproof M12 Male With M15 Front Mount Dip

KINSUN



Contacts	A-Coding	Rated Current/Voltage	PCB Layout
2~5PIN		2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]	
6~8PIN		2A/30V AC/DC	
9~12PIN		1.5A/30V AC/DC	
13~17PIN		1.5A/30V AC/DC	



Panel Cut-out

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Brass. Gold Over Nickel.
- **O-ring** : EPDM. Cold : Black.
- **Shield** : Bress With Nickel Plated.
- **Panel Thickness** : 3.5mm Max(Without Chain).
- **Temperature Range** : -40°C~85°C



Ordering Information

4002 X X X

A=Male
N=Female

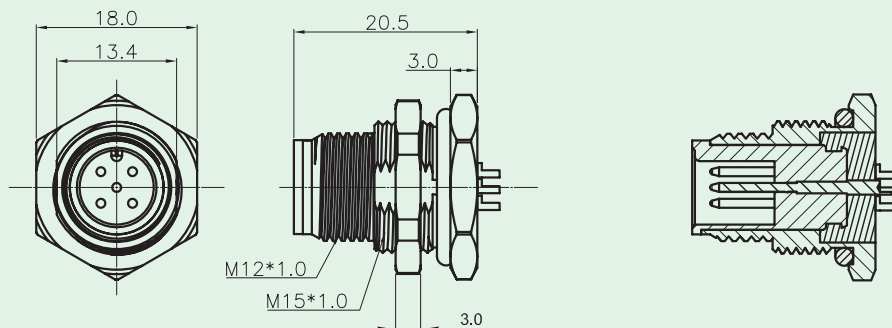
A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...

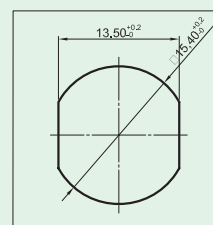
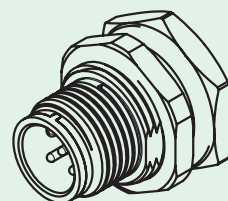


Waterproof M12 Male With M15 Front Mount Solder Wire

KINSUN



Contacts	A-Coding	Rated Current/Voltage
2~5PIN		2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]
6~8PIN		2A/30V AC/DC
9~12PIN		1.5A/30V AC/DC
13~17PIN		1.5A/30V AC/DC



Panel Cut-out

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Brass. Gold Over Nickel.
- **O-ring** : EPDM. Cold : Black.
- **Shield** : Bress With Nickel Plated.
- **Panel Thickness** : 3.5mm Max(Without Chain).
- **Temperature Range** : -40°C~85°C



Ordering Information

4002 X X X

A=Male
N=Female

A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...

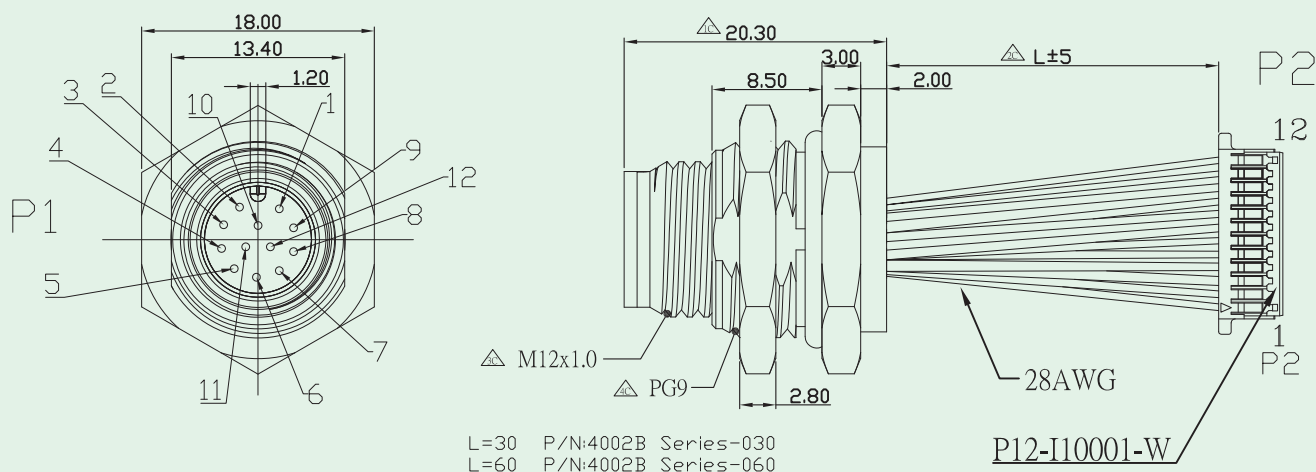


Waterproof M12 Male With PG9 Front Mount

KINSUN

CONTACT ARRANGEMENT FRONT VIEW							
	8P	7P	6P	5P	4P	3P	2P
	9P	10P	11P	12P	13P	14P	15P
	16P	17P					

P1線端	WIRE COLOR	P2線端
1	BLACK/WHITE	1
2	BROWN/WHITE	2
3	BLACK	3
4	GRAY	4
5	WHITE	5
6	BROWN	6
7	ORANGE	7
8	BLUE	8
9	YELLOW	9
10	GREEN	10
11	PURPLE	11
12	RED	12



Materials

- **Plastic Housing** : Engineering Thermoplastic
Flammability Rating UL 94V-0.
- **Contacts** : Copper Alloy.
- **Plating** : Gold Plating Over Nickel In Contact.
- **O-Ring** : Silicone Rubber Black Color.
- **Shield** : Brass With Nickel Plated.



Ratings and Characteristics

- **Waterproof Rate** : IP68
- **Current Rating** : 4A (2 to 5Pin) 2A (6 to 8Pin) 1.5A(9 to 17Pin)
- **Rated Voltage** : 250V AC/DC (2 to 4Pin)
60V AC/DC (5Pin) 30V AC/DC (6 to 8Pin)
30V AC/DC (9 to 12Pin) 30V AC/DC(13 to 17Pin)
- **Insulation Resistance** : $10^8 \Omega$ Min

Ordering Information

4002 B		W		Description: Connector Type Wire length
Series No.				
Female Panel mount:PG9		C=Cable Assembly W=Wire Harness S=For Wire Solder		
				2=2Pins A=10Pins 3=3Pins B=11Pins 4=4Pins C=12Pins 5=5Pins D=13Pins 6=6Pins E=14Pins 7=7Pins F=15Pins 8=8Pins G=16Pins 9=9Pins H=17Pins

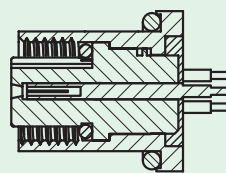
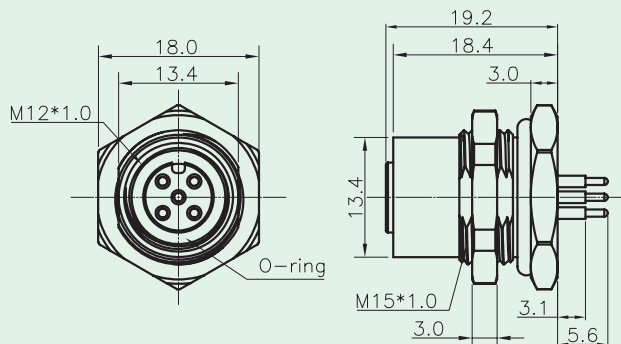
KINSUN

~50~

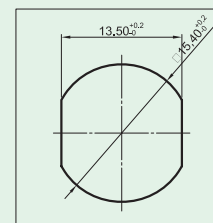
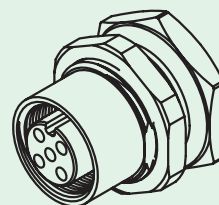


Waterproof M12 Female Front Mount Dip

KINSUN



Contacts	A-Coding	Rated Current/Voltage	PCB Layout
2~5PIN		2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]	
6~8PIN		2A/30V AC/DC	
9~12PIN		1.5A/30V AC/DC	
13~17PIN		1.5A/30V AC/DC	



Panel Cut-out

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Brass. Gold Over Nickel.
- **O-ring** : EPDM. Cold : Black.
- **Shield** : Bress With Nickel Plated.
- **Panel Thickness** : 3.5mm Max(Without Chain).
- **Temperature Range** : -40°C ~ 85°C



Ordering Information

4002 X X X

A=Male
N=Female

A=A Coding
D=D Coding

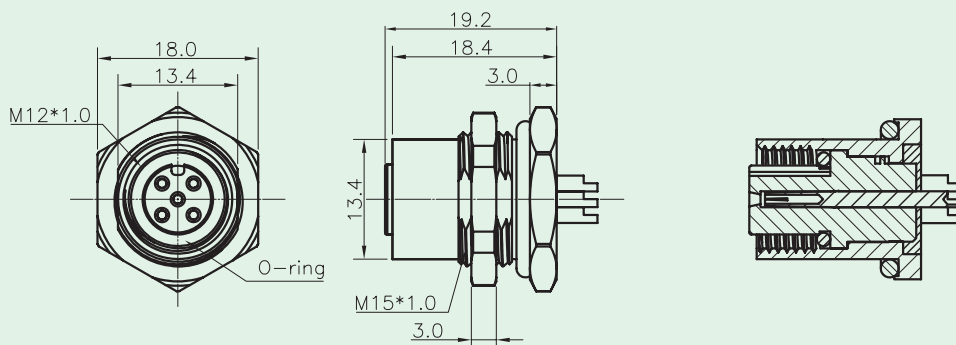
2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...

~51~

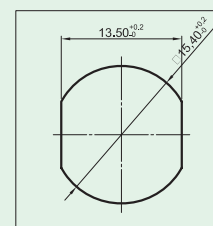
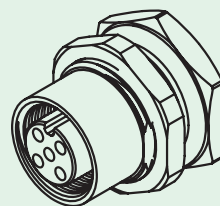


Waterproof M12 Female With M15 Front Mount Solder Wire

KINSUN



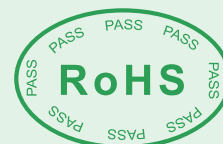
Contacts	A-Coding	Rated Current/Voltage
2~5PIN	 2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]	
6~8PIN	 2A/30V AC/DC	
9~12PIN	 1.5A/30V AC/DC	
13~17PIN	 1.5A/30V AC/DC	



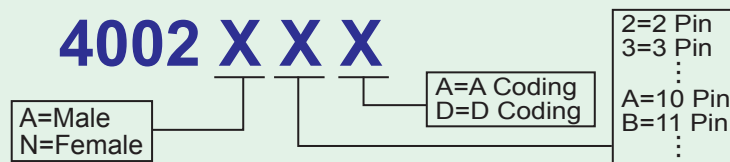
Panel Cut-out

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Brass. Gold Over Nickel.
- **O-ring** : EPDM. Cold : Black.
- **Shield** : Bress With Nickel Plated.
- **Panel Thickness** : 3.5mm Max(Without Chain).
- **Temperature Range** : -40°C~85°C



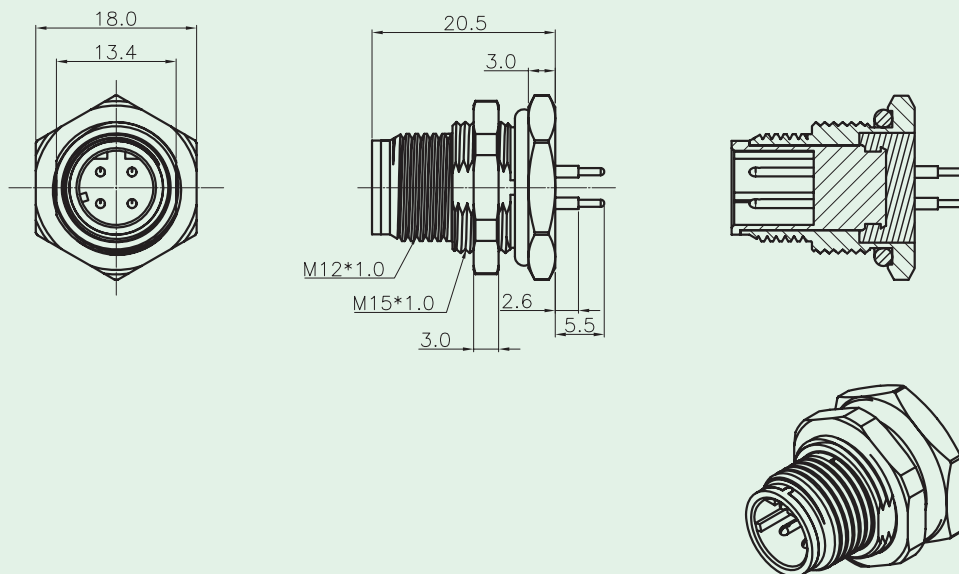
Ordering Information



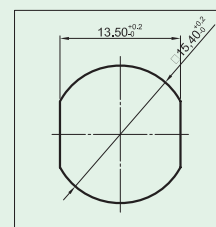


Waterproof M12 Male Front Mount Dip D-Coding

KINSUN



Contacts	D-Coding	Rated Current/Voltage	PCB Layout
4PIN		[4A/250V AC/DC]	



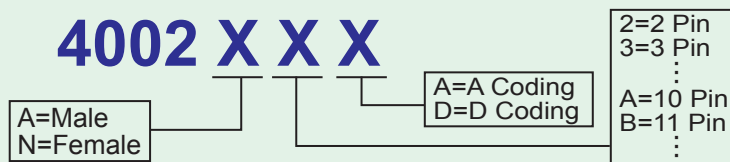
Panel Cut-out

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Brass. Gold Over Nickel.
- **O-ring** : EPDM. Cold : Black.
- **Shield** : Bress With Nickel Plated.
- **Panel Thickness** : 3.5mm Max(Without Chain).
- **Temperature Range** : -40°C ~ 85°C



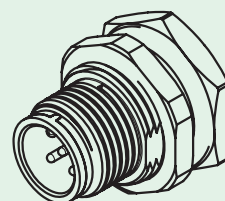
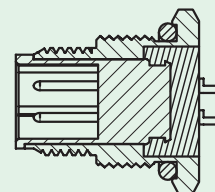
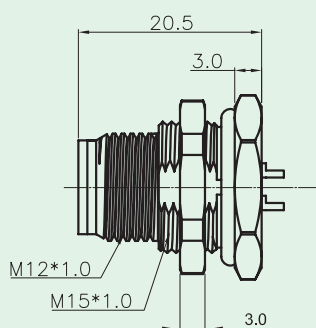
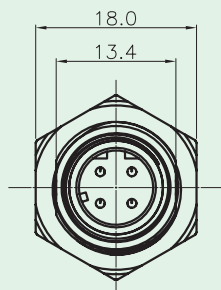
Ordering Information



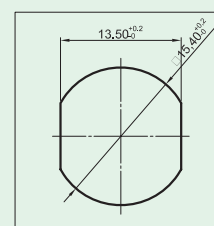


Waterproof M12 Male Front Mount Solder Wire D-Coding

KINSUN



Contacts	D-Coding	Rated Current/Voltage
4PIN		[4A/250V AC/DC]



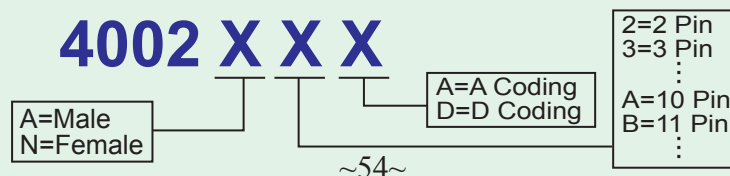
Panel Cut-out

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Brass. Gold Over Nickel.
- **O-ring** : EPDM. Cold : Black.
- **Shield** : Bress With Nickel Plated.
- **Panel Thickness** : 3.5mm Max(Without Chain).
- **Temperature Range** : -40°C ~85°C



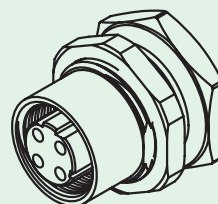
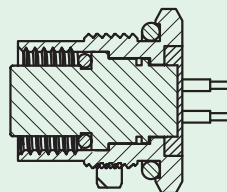
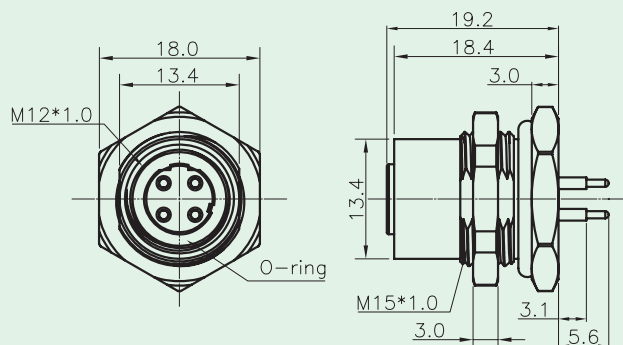
Ordering Information



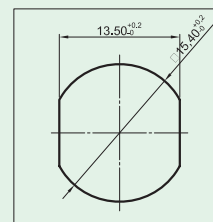


Waterproof M12 Female Front Mount Dip D-Coding

KINSUN



Contacts	D-Coding	Rated Current/Voltage	PCB Layout
4PIN		[4A/250V AC/DC]	



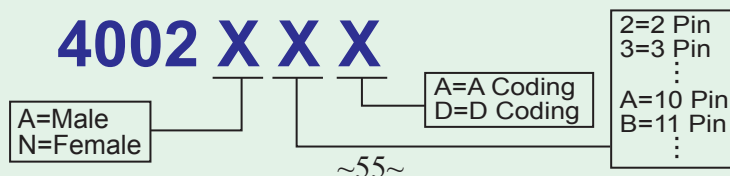
Panel Cut-out

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Brass. Gold Over Nickel.
- **O-ring** : EPDM. Cold : Black.
- **Shield** : Bress With Nickel Plated.
- **Panel Thickness** : 3.5mm Max(Without Chain).
- **Temperature Range** : -40°C ~ 85°C



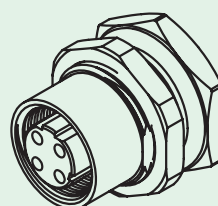
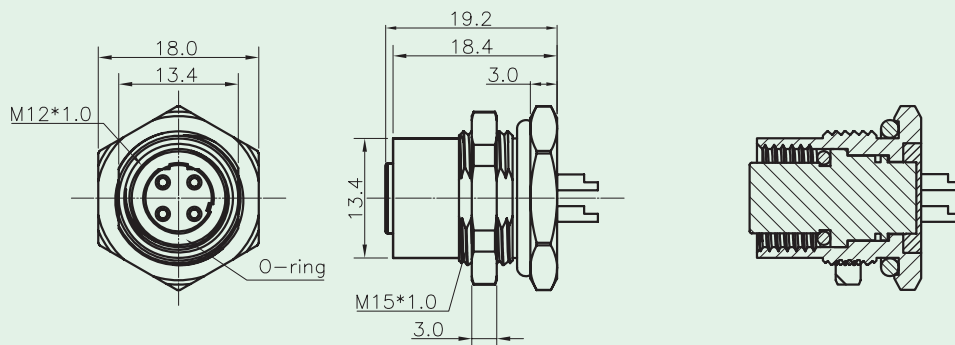
Ordering Information



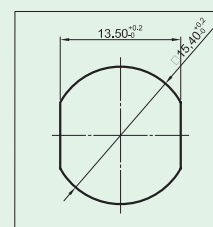


Waterproof M12 Female Front Mount Solder Wire D-Coding

KINSUN



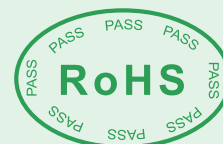
Contacts	D-Coding	Rated Current/Voltage
4PIN		[4A/250V AC/DC]



Panel Cut-out

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Brass. Gold Over Nickel.
- **O-ring** : EPDM. Cold : Black.
- **Shield** : Bress With Nickel Plated.
- **Panel Thickness** : 3.5mm Max(Without Chain).
- **Temperature Range** : -40°C ~ 85°C



Ordering Information

4002 X X X

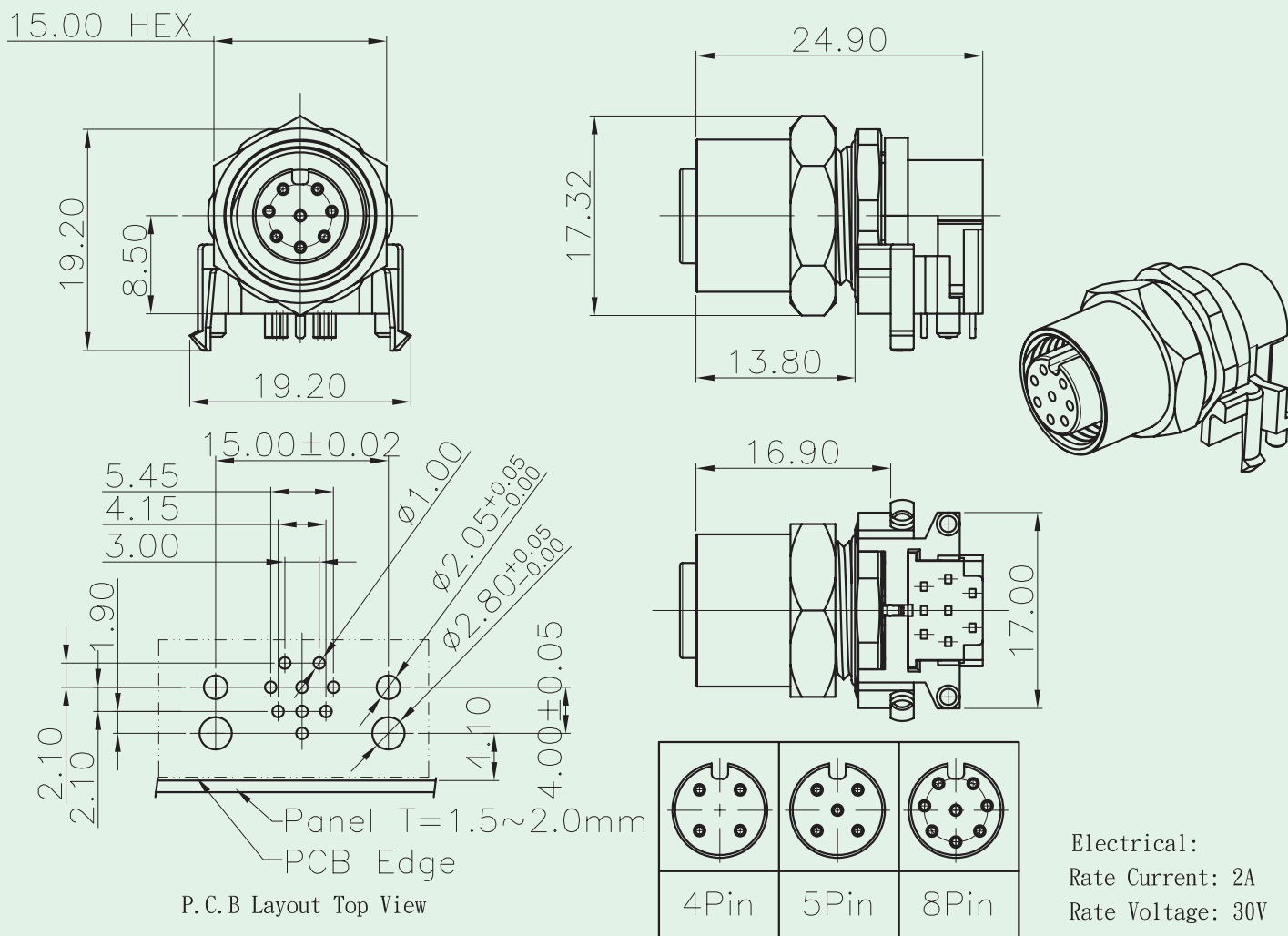
A=Male
N=Female

A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...

M12 8 Pos Female Connect (A-Code Right Angle)

KINSUN



Materials

- **Plastic Housing** : Housing Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor.
- **Plating** : Au Plating Over Nickel Contact.



Ordering Information

4002 - □ □ □ G

Series No.

Styles of Fixed Right Angle Type

No of Contcats
4pin/5pin/8pin

~57~

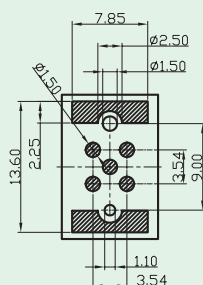
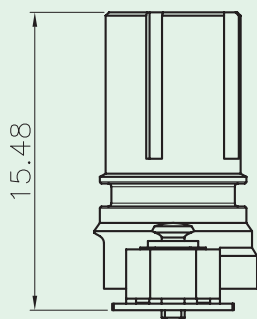
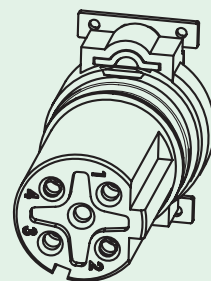
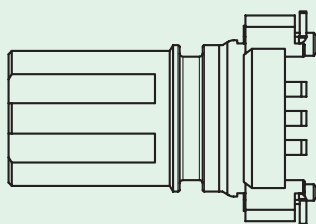
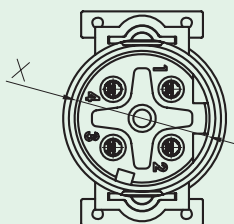
Gold Plating Options	
Gold Flash = 0	30u" = 3
6u" = 1	50u" = 4
15u" = 2	50u" = 4



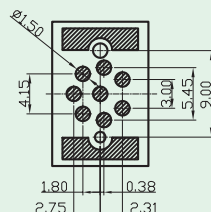
M12 Circular Connector (Female/SMT)

KINSUN

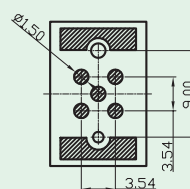
Coded	A-Coded		B-Coded	D-Coded
	X:Ø8.3		X:Ø8.3	X:Ø8.2
Pin assignment (front view)				
	4~5-pos.	6~8-pos.	4-pos.	4-pos.
Rated voltage	4P:250V; 5P:60V	30V	60V	250V
Nominal current	4A	2A	4A	4A



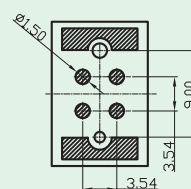
A-CODING



A-CODING



B-CODING



D-CODING

PCB Layout

Materials

- **Plastic Housing** : High Temp. Thermoplastic
Flammability Rating UL 94V-0
- **Contacts** : Phosphor bronze
- **Rated current** : According to the form
- **Rated voltage** : According to the form
- **Insulation resistance** : $10^8 \Omega \text{ Min}$



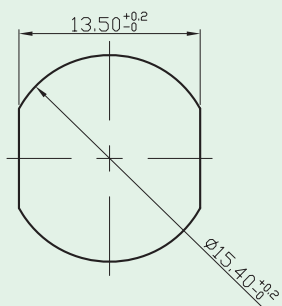
Ordering Information

M12 SMT Series

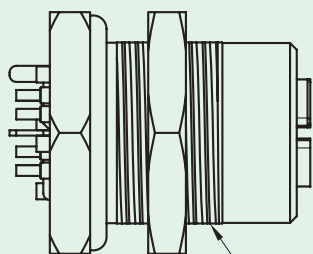


Waterproof Circular Connector (M12 X-Code 8P Female)

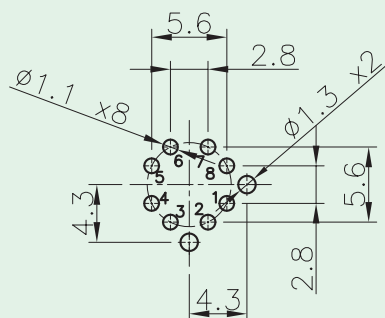
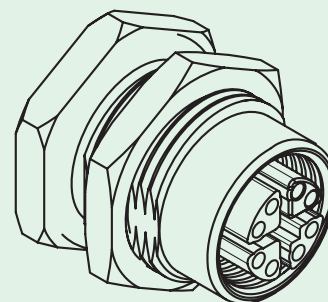
KINSUN



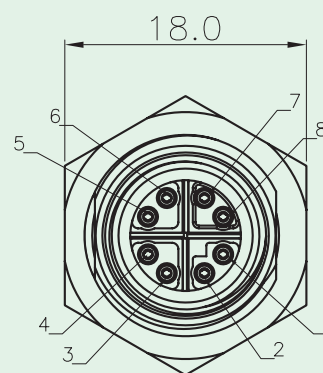
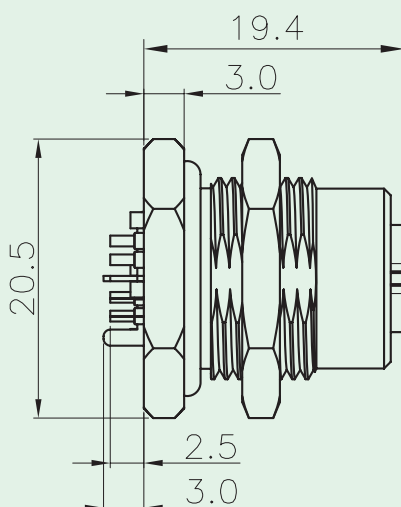
Panel Cut-out



M15*1P



PCB Layout



Materials

- **Housing** : Brass Plating Nickel Over All.
- **Contacts** : Gold Plating Over Nickel In Contact.
- **Nut** : Brass Plating Nickel Over All.
- **O-ring(Outside)** : EPDM.
- **O-ring(Inner)** : NBR.
- **Panel Thickness** : 1.5~4.0mm.
- **PCB Thickness** : 1.2mm Max.
- **Specifications** :
 1. Poles : 8.
 2. Rated Voltage : 48V.
 3. Rated Current : 0.5A.
 4. Contact Resistance : <15mΩ.
 5. Insulation Resistance : >100MΩ.
 6. Temperature Range : -40°C~85°C.
 7. Transmission Performance(Category) : Cat 6A.



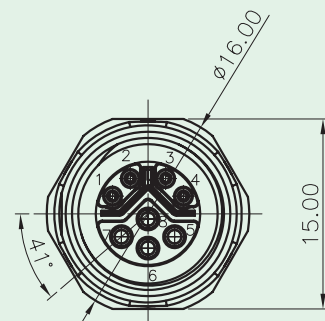
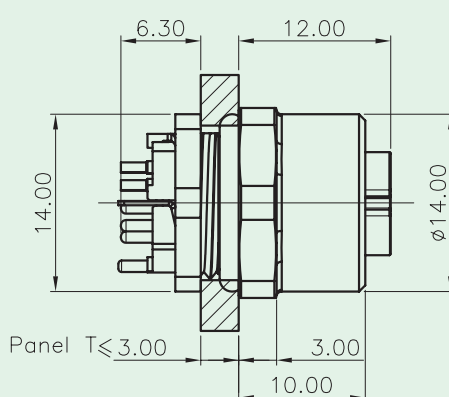
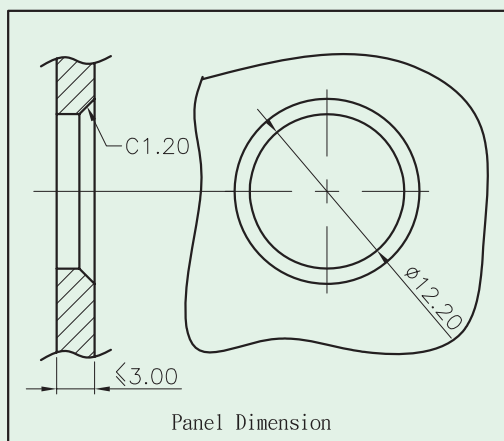
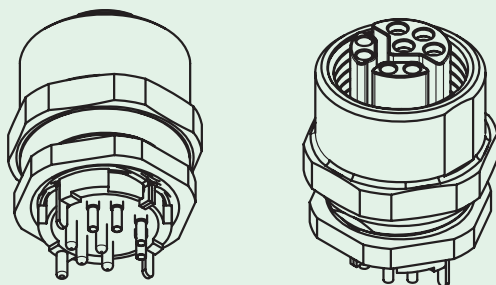
Ordering Information

4003N80400



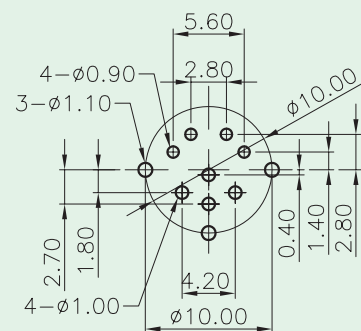
M12 Y-Code 8-Pos DIP Connect (Y-Hybrid Etherent CAT5/Power)

KINSUN



Glue			
O-Ring	EPDM		2
5~8 Terminals	Brass	Gold Ptd.	4
1~4 Terminals	Phosphor	Gold Ptd.	4
Shield Cover	Brass	Nickel Ptd.	1
Housing	PBT		1
Description	Material	Treat	Q'ty

Electrical:
Rate Current: 0.5A (Data)
Rate Current: 6.0A (Power)
Rate Voltage: 30V



P.C.B Layout Top View

Materials

- **Plastic Housing** : Engineering Thermoplastic
Flammability Rating UL 94V-0.
- **Contacts** : Phosphor/Brass
- **Plating** : Au Plating Over Nickel In Contact.



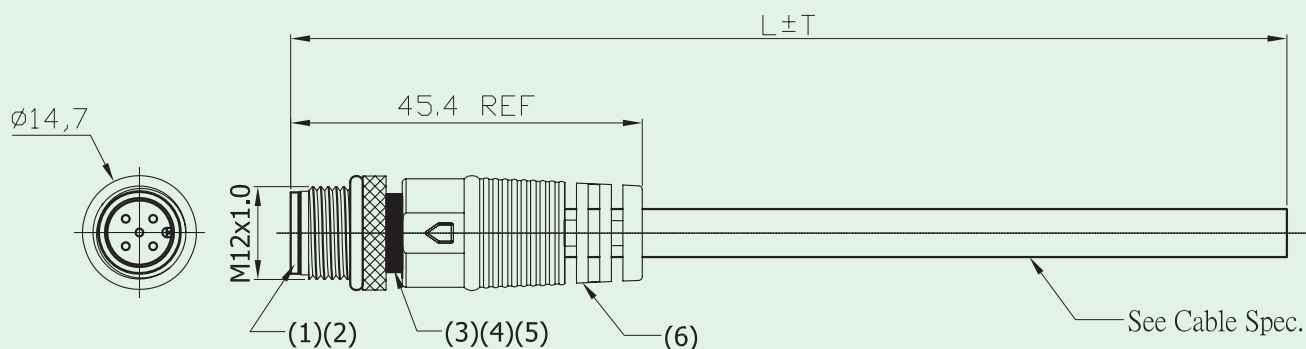
Ordering Information

4004 - Series

Series No. _____



Waterproof M12 Male Straight With Cable

KINSUN

Contacts	A-Coding	Cable Spec.	Rated Current /Voltage
2~5PIN		UL2517 105°C 300V 22AWG*5C+A.E.B PVC Jacket OD=6.0 [Wire Color : 1.Brown 2.White 3.Blue 4.Black 5.Green]	2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]
6~8PIN		UL2517 105°C 300V 24AWG*8C+A.E.B PVC Jacket OD=6.3 [Wire Color : 1.Purple 2.Blue 3.Green 4.Yellow 5.Orange 6.Red 7.Brown 8.Black]	2A/30V AC/DC
9~12PIN		UL2517 105°C 300V 28AWG*12C+A.E.B PVC Jacket OD=7.4 [Wire Color : 1.Light Blue 2.Pink 3.White 4.Gray 5.Purple 6.Blue 7.Green 8.Yellow 9.Orange 10.Red 11.Brown 12.Black]	1.5A/30V AC/DC
13~17PIN		UL2517 105°C 300V 28AWG*17C+A.E.B PVC Jacket OD=8.4 [Wire Color : 1.White/Orange 2.White/Red 3.White/Brown 4.White/Black 5.Light Green 6.Light Blue 7.Pink 8.White 9.Gray 10.Purple 11.Blue 12.Green 13.Yellow 14.Orange 15.Red 16.Brown 17.Black]	1.5A/30V AC/DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **O-Ring** : EPDM Rubber Black Color.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color



Ordering Information

A=Male 180°
L=Male 90°
N=Female 180°
R=Female 90°

4006 X X X - XXXX

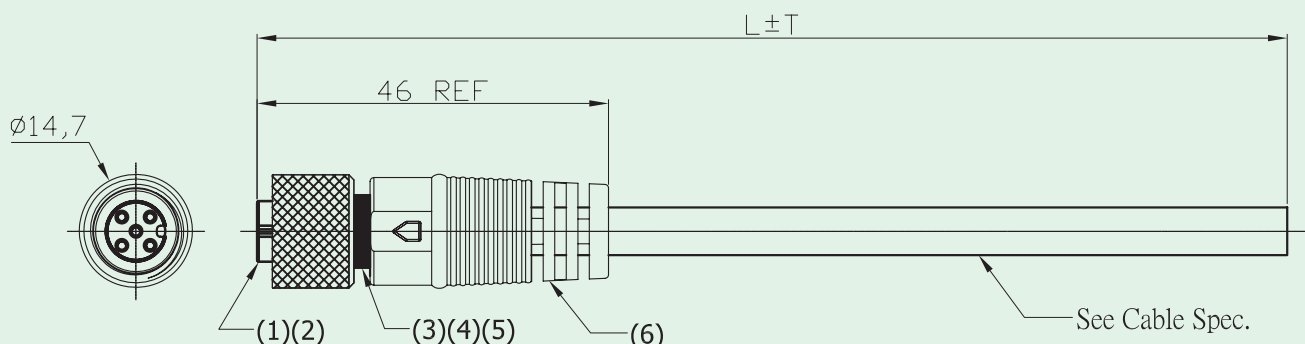
Wire Length

A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...



Waterproof M12 Female Straight With Cable

KINSUN

Contacts	A-Coding	Cable Spec.	Rated Current /Voltage
2~5PIN		UL2517 105°C 300V 22AWG*5C+A.E.B PVC Jacket OD=6.0 [Wire Color : 1.Brown 2.White 3.Blue 4.Black 5.Green]	2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]
6~8PIN		UL2517 105°C 300V 24AWG*8C+A.E.B PVC Jacket OD=6.3 [Wire Color : 1.Purple 2.Blue 3.Green 4.Yellow 5.Orange 6.Red 7.Brown 8.Black]	2A/30V AC/DC
9~12PIN		UL2517 105°C 300V 28AWG*12C+A.E.B PVC Jacket OD=7.4 [Wire Color : 1.Light Blue 2.Pink 3.White 4.Gray 5.Purple 6.Blue 7.Green 8.Yellow 9.Orange 10.Red 11.Brown 12.Black]	1.5A/30V AC/DC
13~17PIN		UL2517 105°C 300V 28AWG*17C+A.E.B PVC Jacket OD=8.4 [Wire Color : 1.White/Orange 2.White/Red 3.White/Brown 4.White/Black 5.Light Green 6.Light Blue 7.Pink 8.White 9.Gray 10.Purple 11.Blue 12.Green 13.Yellow 14.Orange 15.Red 16.Brown 17.Black]	1.5A/30V AC/DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **O-Ring** : EPDM Rubber Black Color.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color



Ordering Information

A=Male 180°
L=Male 90°
N=Female 180°
R=Female 90°

4006 X X X - XXXX

Wire Length

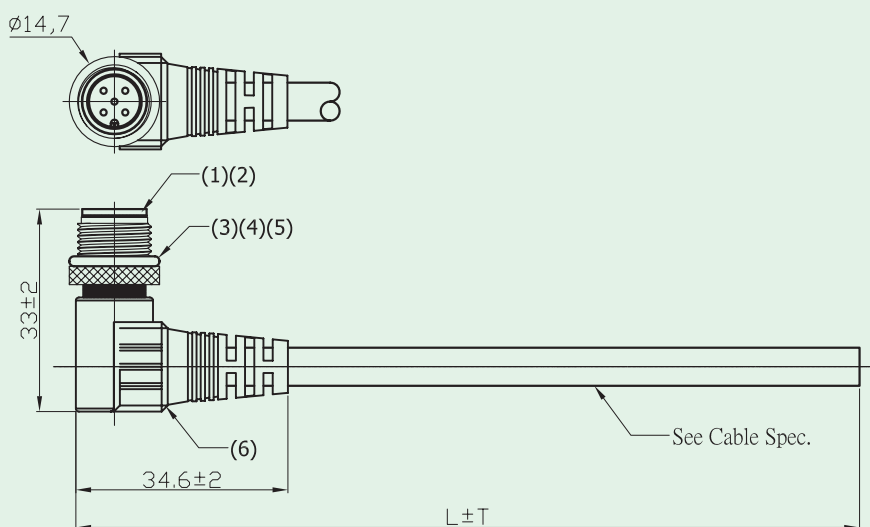
A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
⋮
A=10 Pin
B=11 Pin
⋮



Waterproof M12 Male Right Angle With Cable

KINSUN



Contacts	A-Coding	Cable Spec.	Rated Current /Voltage
2~5PIN		UL2517 105°C 300V 22AWG*5C+A.E.B PVC Jacket OD=6.0 [Wire Color : 1.Brown 2.White 3.Blue 4.Black 5.Green]	2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]
6~8PIN		UL2517 105°C 300V 24AWG*8C+A.E.B PVC Jacket OD=6.3 [Wire Color : 1.Purple 2.Blue 3.Green 4.Yellow 5.Orange 6.Red 7.Brown 8.Black]	2A/30V AC/DC
9~12PIN		UL2517 105°C 300V 28AWG*12C+A.E.B PVC Jacket OD=7.4 [Wire Color : 1.Light Blue 2.Pink 3.White 4.Gray 5.Purple 6.Blue 7.Green 8.Yellow 9.Orange 10.Red 11.Brown 12.Black]	1.5A/30V AC/DC
13~17PIN		UL2517 105°C 300V 28AWG*17C+A.E.B PVC Jacket OD=8.4 [Wire Color : 1.White/Orange 2.White/Red 3.White/Brown 4.White/Black 5.Light Green 6.Light Blue 7.Pink 8.White 9.Gray 10.Purple 11.Blue 12.Green 13.Yellow 14.Orange 15.Red 16.Brown 17.Black]	1.5A/30V AC/DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **O-Ring** : EPDM Rubber Black Color.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color



Ordering Information

A=Male 180°
L=Male 90°
N=Female 180°
R=Female 90°

4006 X X X - XXXX

Wire Length

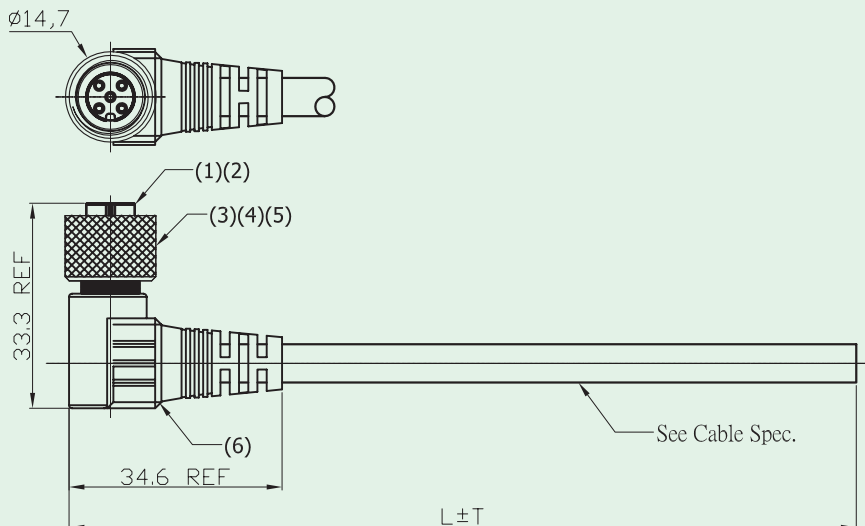
A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
:
A=10 Pin
B=11 Pin
:
:



Waterproof M12 Female Right Angle With Cable

KINSUN



Contacts	A-Coding	Cable Spec.	Rated Current /Voltage
2~5PIN		UL2517 105°C 300V 22AWG*5C+A.E.B PVC Jacket OD=6.0 [Wire Color : 1.Brown 2.White 3.Blue 4.Black 5.Green]	2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]
6~8PIN		UL2517 105°C 300V 24AWG*8C+A.E.B PVC Jacket OD=6.3 [Wire Color : 1.Purple 2.Blue 3.Green 4.Yellow 5.Orange 6.Red 7.Brown 8.Black]	2A/30V AC/DC
9~12PIN		UL2517 105°C 300V 28AWG*12C+A.E.B PVC Jacket OD=7.4 [Wire Color : 1.Light Blue 2.Pink 3.White 4.Gray 5.Purple 6.Blue 7.Green 8.Yellow 9.Orange 10.Red 11.Brown 12.Black]	1.5A/30V AC/DC
13~17PIN		UL2517 105°C 300V 28AWG*17C+A.E.B PVC Jacket OD=8.4 [Wire Color : 1.White/Orange 2.White/Red 3.White/Brown 4.White/Black 5.Light Green 6.Light Blue 7.Pink 8.White 9.Gray 10.Purple 11.Blue 12.Green 13.Yellow 14.Orange 15.Red 16.Brown 17.Black]	1.5A/30V AC/DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **O-Ring** : EPDM Rubber Black Color.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color



Ordering Information

A=Male 180°
L=Male 90°
N=Female 180°
R=Female 90°

4006 X X X - XXXX

Wire Length

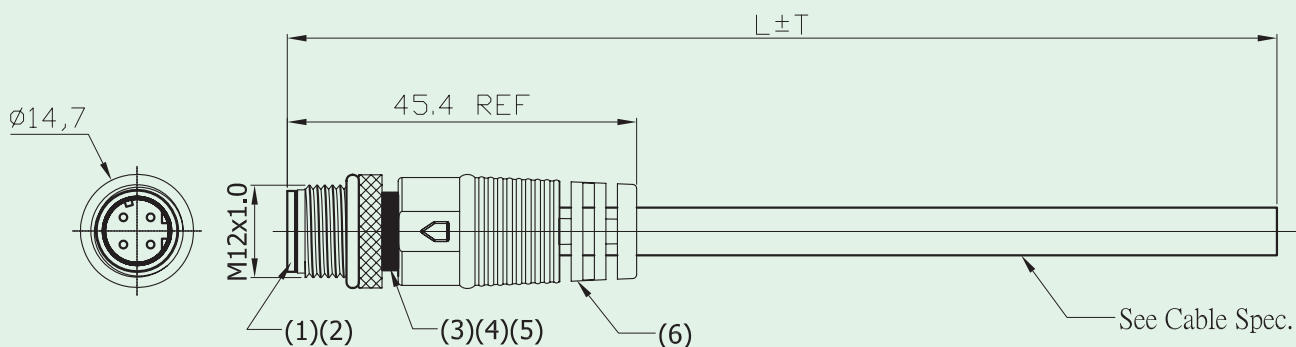
A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...



Waterproof M12 Male Straight With Cable D-Coding

KINSUN



Contacts	D-Coding	Cable Spec.	Rated Current /Voltage
4PIN		UL2517 105°C 300V 22AWG*4C+A.E.B PVC Jacket OD=6.0 [Wire Color : 1.Brown 2.White 3.Blue 4.Black]	4A/250V AC/DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **O-Ring** : EPDM Rubber Black Color.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color



Ordering Information

A=Male 180°
L=Male 90°
N=Female 180°
R=Female 90°

4006 X X X - XXXX

Wire Length

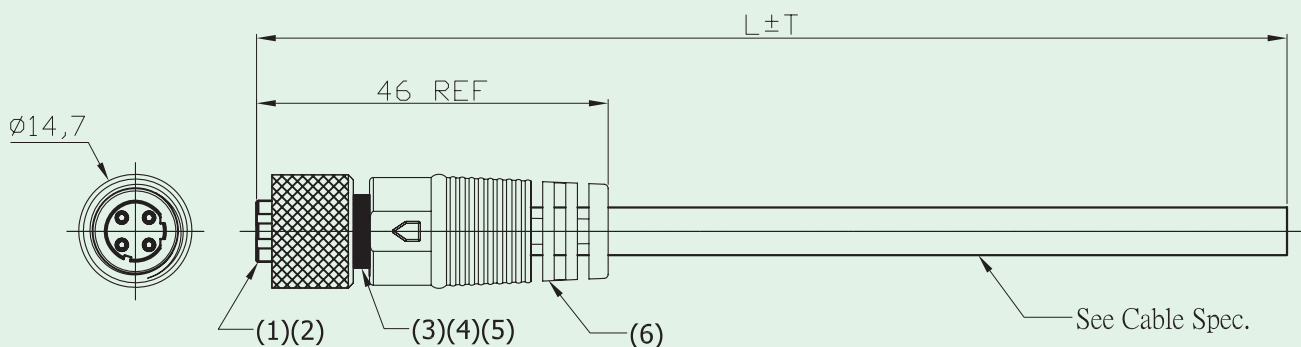
A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...



Waterproof M12 Female Straight With Cable D-Coding

KINSUN



Contacts	D-Coding	Cable Spec.	Rated Current /Voltage
4PIN		UL2517 105°C 300V 22AWG*5C+A.E.B PVC Jacket OD=6.0 [Wire Color : 1.Brown 2.White 3.Blue 4.Black 5.Green]	4A/250V AC/DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **O-Ring** : EPDM Rubber Black Color.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color

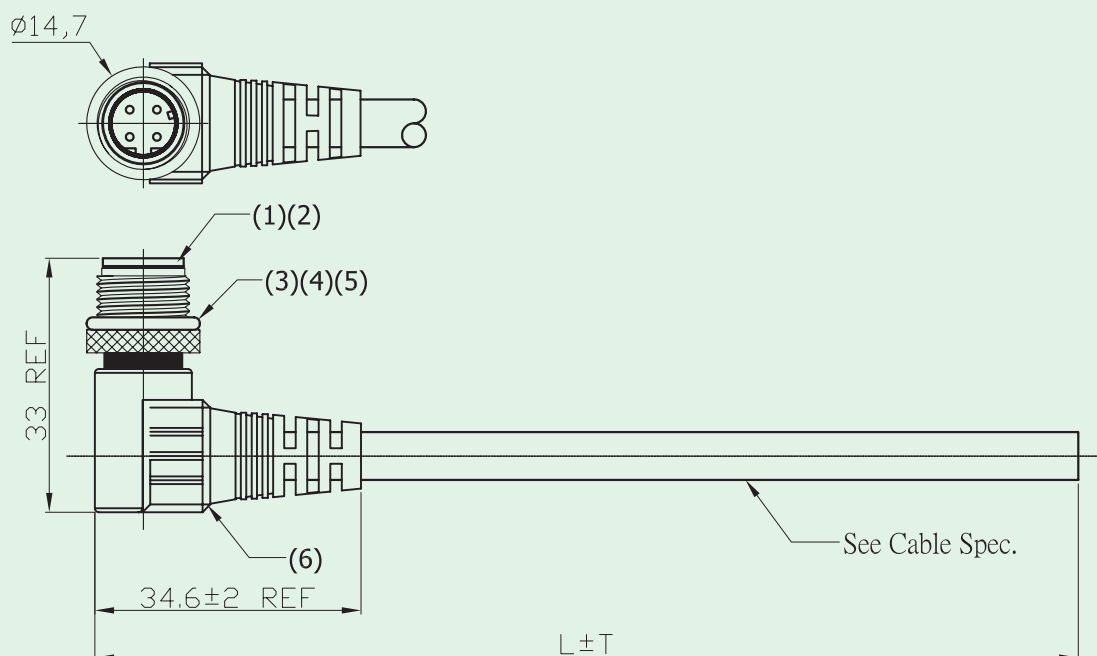


Ordering Information

A=Male 180° L=Male 90° N=Female 180° R=Female 90°	4006 X X X - XXXX	Wire Length	A=A Coding D=D Coding	2=2 Pin 3=3 Pin ... A=10 Pin B=11 Pin ...
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Waterproof M12 Male Right Angle With Cable D-Coding

KINSUN

Contacts	D-Coding	Cable Spec.	Rated Current /Voltage
4PIN		UL2517 105°C 300V 22AWG*4C+A.E.B PVC Jacket OD=6.0 [Wire Color : 1.Brown 2.White 3.Blue 4.Black]	4A/250V AC/DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **O-Ring** : EPDM Rubber Black Color.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color



Ordering Information

A=Male 180°
L=Male 90°
N=Female 180°
R=Female 90°

4006 X X X - XXXX

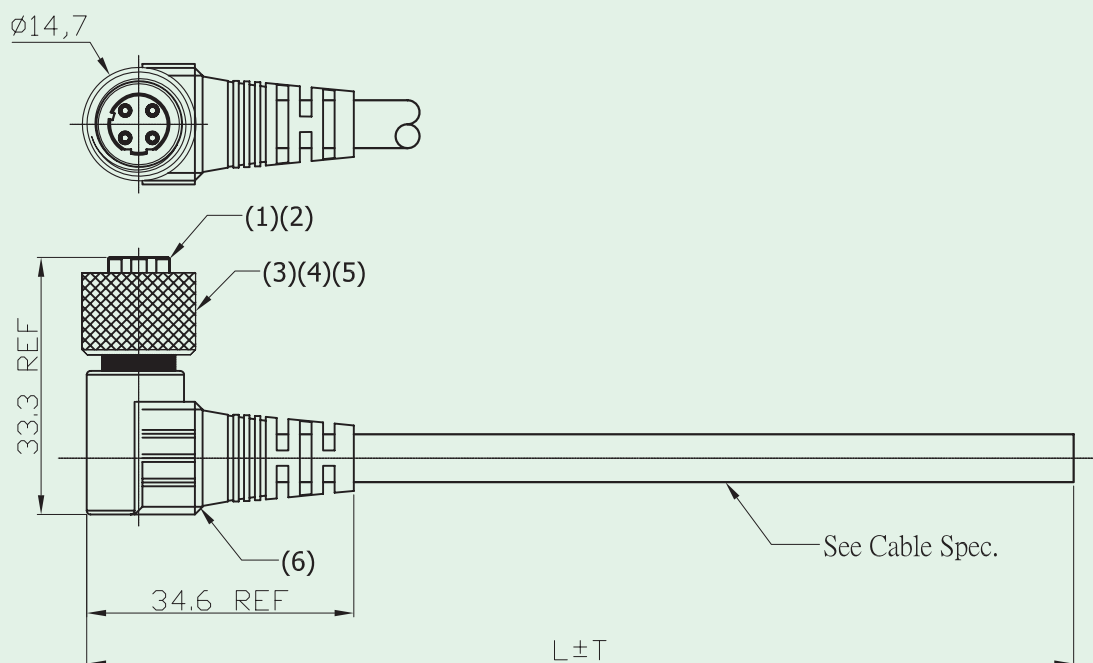
Wire Length

A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...



Waterproof M12 Female Right Angle With Cable D-Coding

KINSUN

Contacts	D-Coding	Cable Spec.	Rated Current /Voltage
4PIN		UL2517 105°C 300V 22AWG*5C+A.E.B PVC Jacket OD=6.0 [Wire Color : 1.Brown 2.White 3.Blue 4.Black 5.Green]	4A/250V AC/DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **O-Ring** : EPDM Rubber Black Color.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color



Ordering Information

A=Male 180°
L=Male 90°
N=Female 180°
R=Female 90°

4006 X X X - XXXX

Wire Length

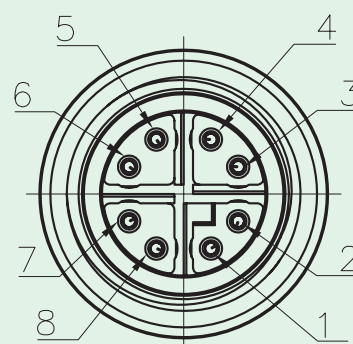
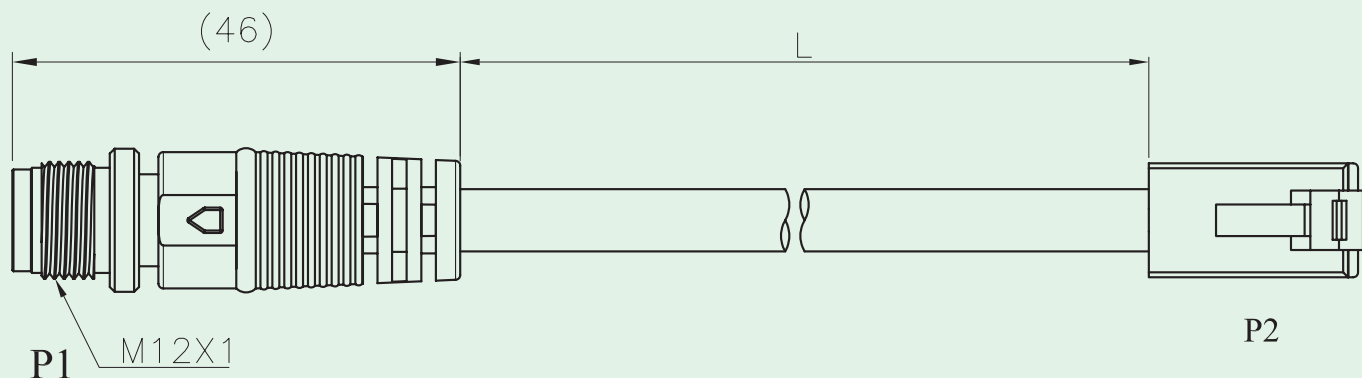
A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
:
A=10 Pin
B=11 Pin
:
:



Waterproof Circular Connector (M12 X-Code 8P 180° Male)

KINSUN



Scale 2:1

Terminal	Wire Harness		Terminal	Twist
Shield	Drain	地線	Shield	
8	Blue	藍	4	
7	Blue/White	藍/白	5	
6	Brown	棕	8	
5	Brown/White	棕/白	7	
4	Green	綠	6	
3	Green/White	綠/白	3	
2	Orange	橙	2	
1	Orange/White	橙/白	1	
P1	Wire Color		P2	Twist
Pin Out				

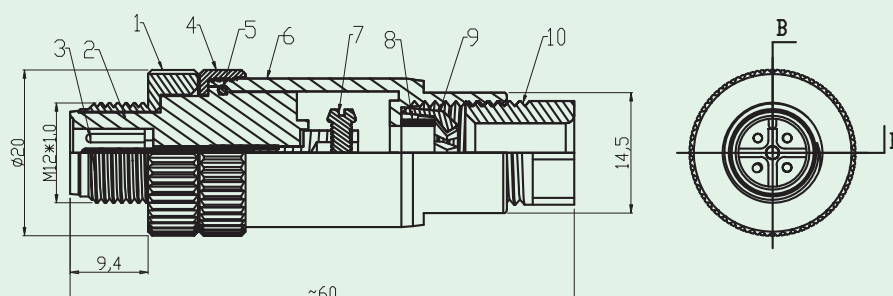
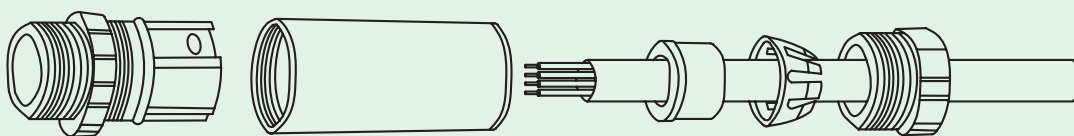
Materials

- **Housing** : Brass Plating Nickel Over All
- **Contacts** : Gold Plating Over Nickel In Contact.
- **Nut** : Brass Plating Nickel Over All.
- **Insert** : PBT,Black.
- **Cable** : S/FTP 26AWG*4P,LSZH Jacket.OD=Ø6.5±0.3mm.
- **Molding Material** : TPU.
- **Specifications** :
 1. Poles : 8
 2. Rated Voltage : 48V.
 3. Rated Current : 0.5A.
 4. Contact Resistance : <15MΩ.
 5. Insulation Resistance : >100MΩ.
 6. Temperature Range : -40°C~85°C.
 7. Transmission Performance(Category) : Cat 6A



Ordering Information

4007A800B8-0100



NO.	Part Name	
10	Tail Nuts	PA
9	Cable Clip	PA
8	Rubber Tube	NBR
7	Screws	Stainless Steel
6	Body	PA
5	O-Ring	NBR
4	Fixing Nuts	Brass
3	Pin	Brass
2	Housing	PBT
1	Front Screw	Zinc

Materials

- **Waterproof Rate** : IP68
- **Current Rating** : 4A(2 to 5Pin) 2A(6 to 8Pin)
- **Rated Voltage** : 250V AC/DC(2 to 4Pin)
60V AC/DC(5Pin)
30V AC/DC(6 to 8Pin)
- **Insulation Resistance** : $10^8 \Omega$ Min



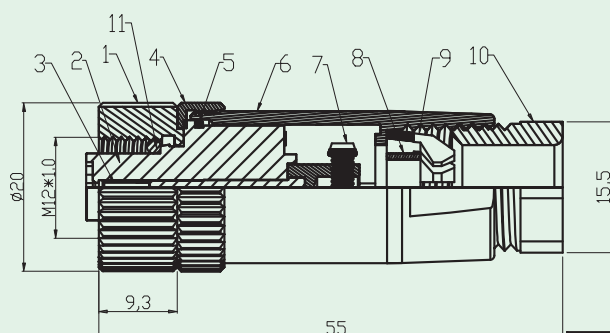
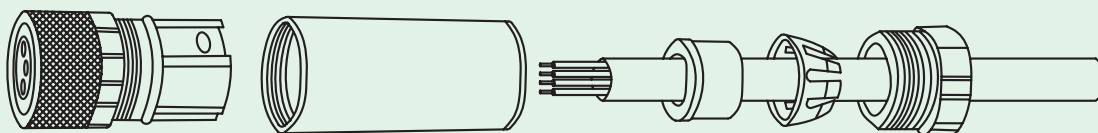
Ordering Information

4006 Series



Waterproof Circular Connectors (M12 Female Cable Assembly)

KINSUN



NO.	Part Name	
11	O-Ring	NBR
10	Tail Nuts	PA
9	Cable Clip	PA
8	Rubber Tube	Silicon
7	Screws	Stainless Steel
6	Body	PA
5	O-Ring	NBR
4	Fixing Nuts	Brass
3	Female Pin	Brass
2	Housing	PBT
1	Front Nuts	Brass

Materials

- **Waterproof Rate** : IP68
- **Current Rating** : 4A(2 to 5Pin) 2A(6 to 8Pin)
- **Rated Voltage** : 250V AC/DC(2 to 4Pin)
60V AC/DC(5Pin)
30V AC/DC(6 to 8Pin)
- **Insulation Resistance** : $10^8 \Omega$ Min



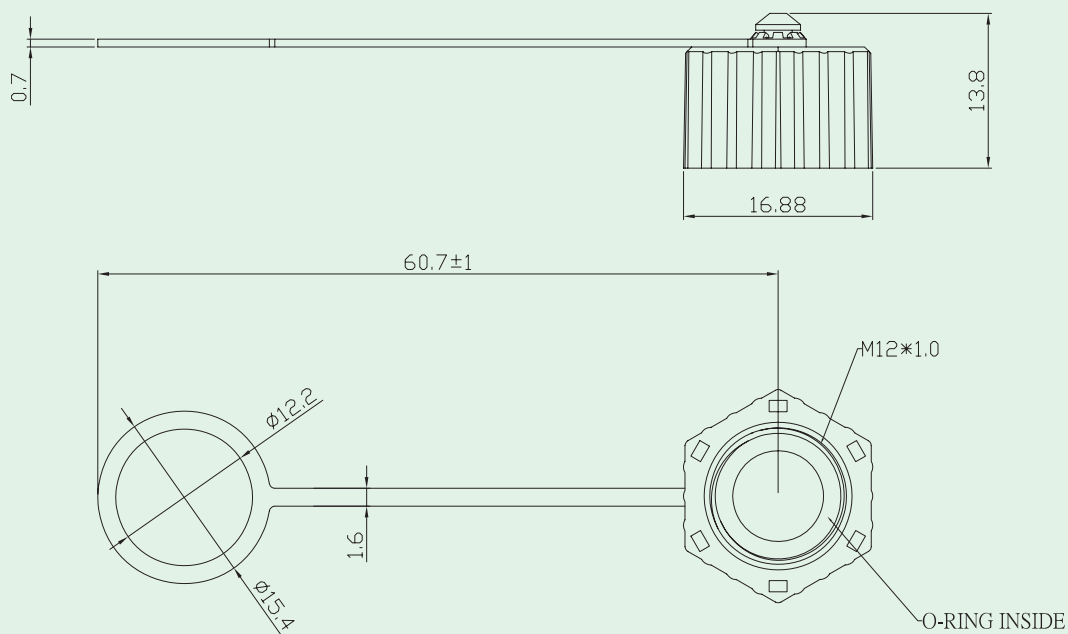
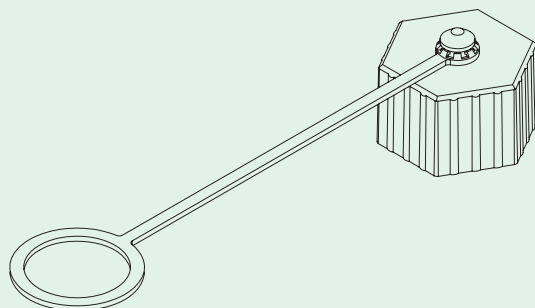
Ordering Information

4006 Series



Waterproof M12 Cap

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.
- **Tip** : PA.



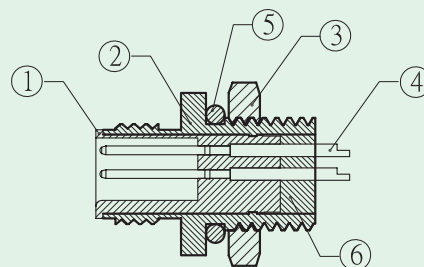
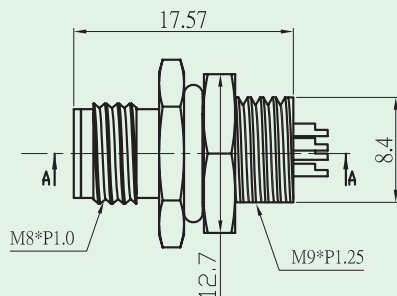
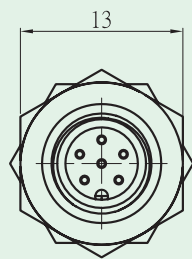
Ordering Information

4001A-05 M12 Male Cap



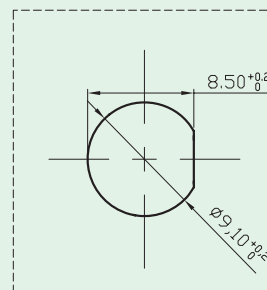
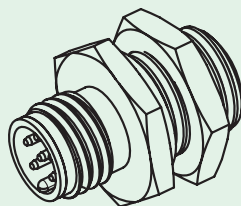
Waterproof M8 Male With Rear Mount Solder Wire

KINSUN



Section:A-A

Contacts	A-Coding	Rated Current/Voltage
3PIN		3A/50V AC/DC
4PIN		3A/50V AC/DC
6PIN		1.5A/30V AC/DC
8PIN		1.5A/30V AC/DC
Contacts	B-Coding	Rated Current/Voltage
5PIN		3A/30V AC/DC



Panel Cut-out
Panel Thick:4.5mm

Materials

- **Plastic Housing** : Engineering Plastic
Flammability Rating UL 94V-0. Color : Black
- **Coupling Nut** : M8*P1.0 Brass With Nicked Plated
- **Screw Nut** : Brass With Nickel Plated
- **Contacts** : Brass With Gold Plating Over Nickel In Contact
- **O-RING** : EPDM Rubber Black Color



Ordering Information

4012 X X X

A=Male
N=Female

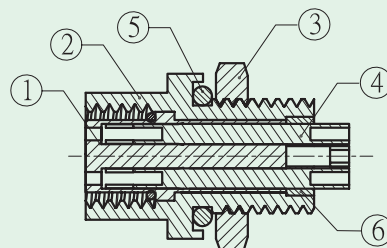
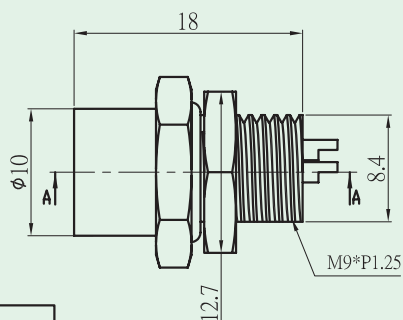
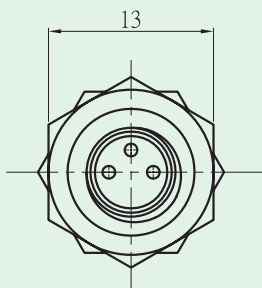
A=A Coding
B=B Coding

3=3 Pin
4=4 Pin
...



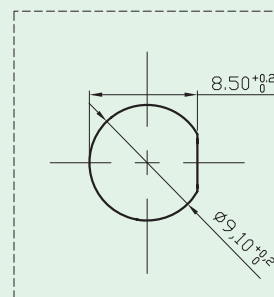
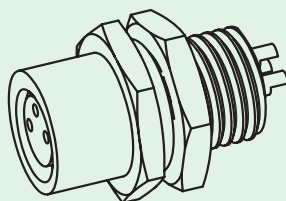
Waterproof M8 Female With Rear Mount Solder Wire

KINSUN



Section:A-A

Contacts	A—Coding	Rated Current/Voltage
3PIN		3A/50V AC/DC
4PIN		3A/50V AC/DC
6PIN		1.5A/30V AC/DC
8PIN		1.5A/30V AC/DC
Contacts	B—Coding	Rated Current/Voltage
5PIN		3A/30V AC/DC



Panel Cut-out
Panel Thick:4.5mm

Materials

- **Plastic Housing** : Engineering Plastic
Flammability Rating UL 94V-0. Color : Black
- **Coupling Nut** : M8*P1.0 Brass With Nicked Plated
- **Screw Nut** : Brass With Nickel Plated
- **Contacts** : Brass With Gold Plating Over Nickel In Contact
- **O-RING** : EPDM Rubber Black Color



Ordering Information

4012 X X X

A=Male
N=Female

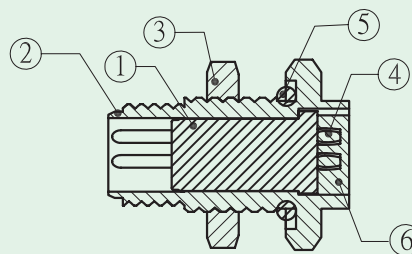
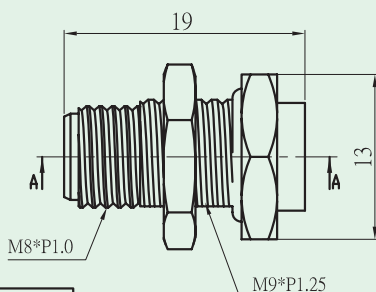
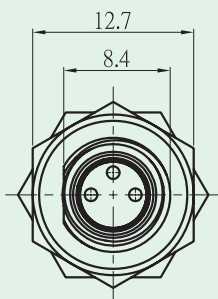
A=A Coding
B=B Coding

3=3 Pin
4=4 Pin
...



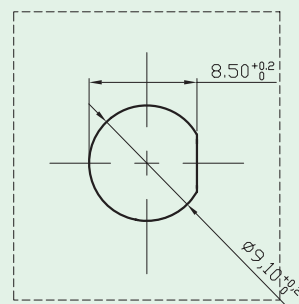
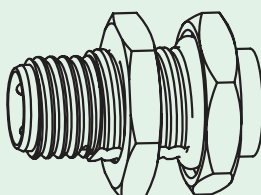
Waterproof M8 Male With Front Mount Solder Wire

KINSUN



Section: A-A

Contacts	A-Coding	Rated Current/Voltage
3PIN		3A/50V AC/DC
4PIN		3A/50V AC/DC
6PIN		1.5A/30V AC/DC
8PIN		1.5A/30V AC/DC
Contacts	B-Coding	Rated Current/Voltage
5PIN		3A/30V AC/DC



Panel Cut-out
Panel Thickness:4.5mm

Materials

- **Plastic Housing** : Engineering Plastic
Flammability Rating UL 94V-0. Color : Black
- **Coupling Nut** : M8*P1.0 Brass With Nicked Plated
- **Screw Nut** : Brass With Nickel Plated
- **Contacts** : Brass With Gold Plating Over Nickel In Contact
- **O-RING** : EPDM Rubber Black Color



Ordering Information

4012 X X X

A=Male
N=Female

A=A Coding
B=B Coding

3=3 Pin
4=4 Pin
...

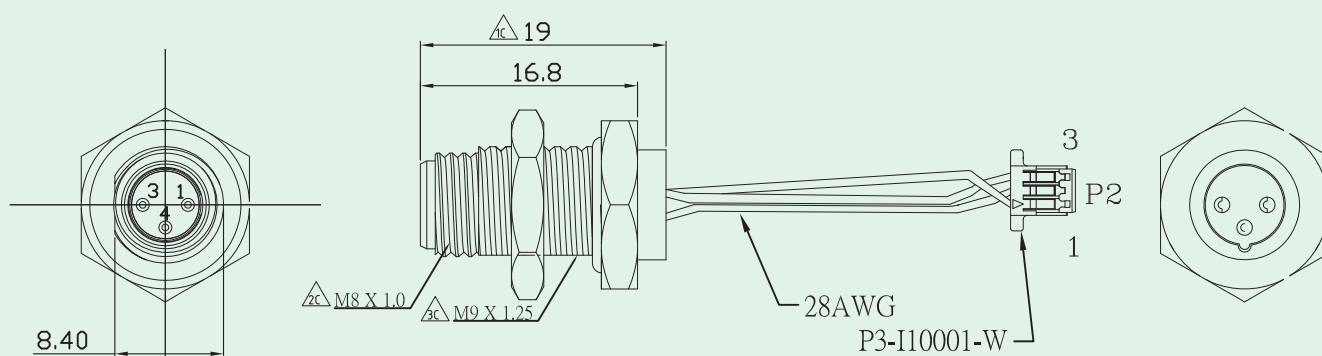


Waterproof M8 Male Front Mount With Wire Harness or Cable Assembly

KINSUN

CONTACT ARRANGEMENT FRONT VIEW			
	3P	4P	6P

P1	WIRE COLOR	P2
1	GREEN	2
3	RED	3
4	BLACK	1



Materials

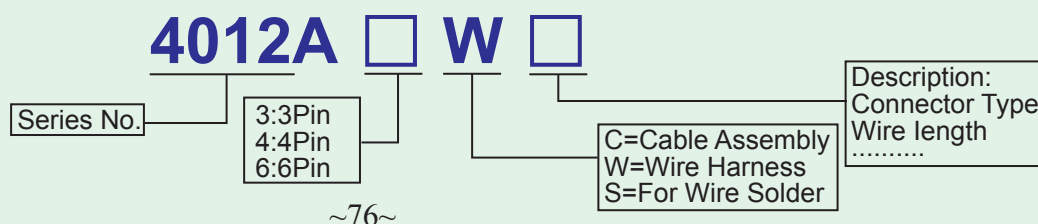
- **Plastic Housing** : Engineering Thermoplastic
Flammability Rating UL 94V-0.
- **Contacts** : Copper Alloy.
- **Plating** : Gold Plating Over Nickel In Contact.
- **O-Ring** : Silicone Rubber Black Color.
- **Shield** : Brass With Nickel Plated.



Ratings and Characteristics

- **Waterproof Rate** : IP68
- **Current Rating** : 3A (3Pin)
3A (4Pin) 1.5A(6Pin)
- **Rated Voltage** : 50V AC/60V DC (3Pin) 50V AC/60V DC (4Pin)
30V AC/30V DC (6Pin)
- **Insulation Resistance** : $10^8 \Omega$ Min

Ordering Information



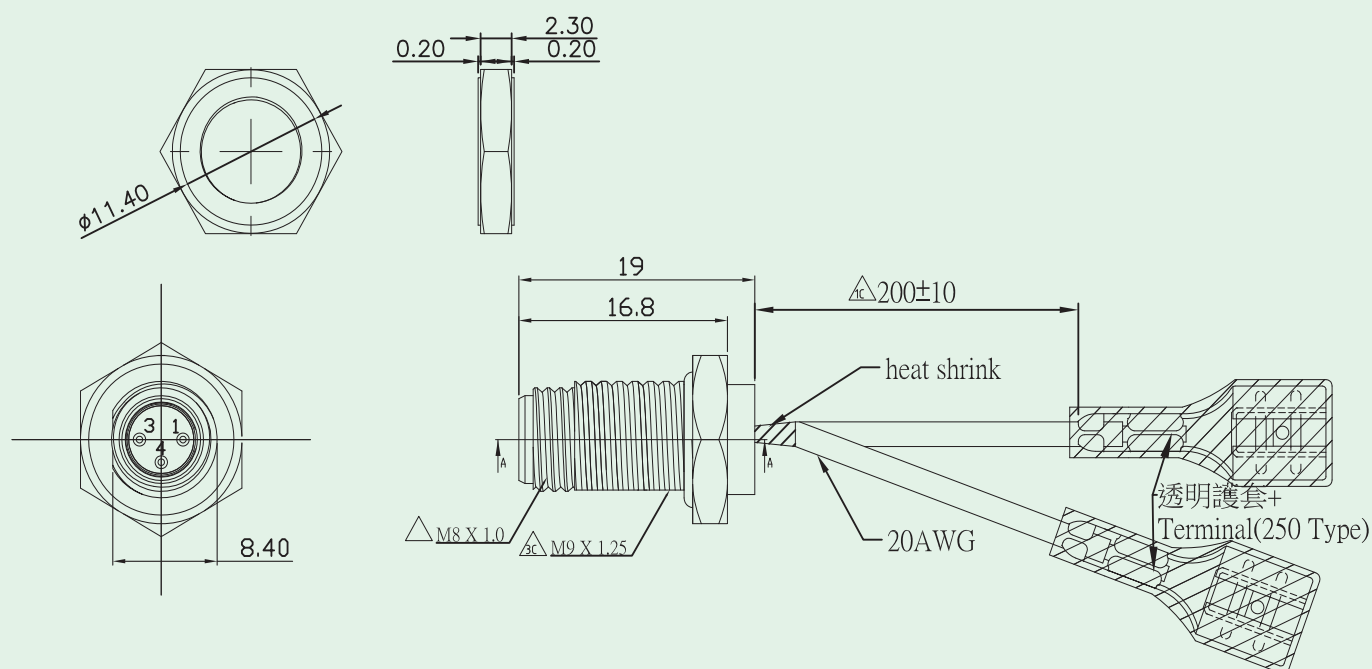


Waterproof M8 Male Front Mount Cable Assembly For Automotive

KINSUN

CONTACT ARRANGEMENT FRONT VIEW			
	3P	4P	6P

P1	WIRE COLOR
1	RED
3	BLACK



Materials

- **Plastic Housing** : Engineering Thermoplastic
Flammability Rating UL 94V-0.
- **Contacts** : Copper Alloy.
- **Plating** : Gold Plating Over Nickel In Contact.
- **O-Ring** : Silicone Rubber Black Color.
- **Shield** : Brass With Nickel Plated.



Ratings and Characteristics

- **Waterproof Rate** : IP68
- **Current Rating** : 3A(3Pin)
3A(4Pin) 1.5A(6Pin)
- **Rated Voltage** : 50V AC/60V DC(3Pin) 50V AC/60V DC(4Pin)
30V AC/30V DC(6Pin)
- **Insulation Resistance** : $10^8 \Omega$ Min

Ordering Information

4012A31002-200

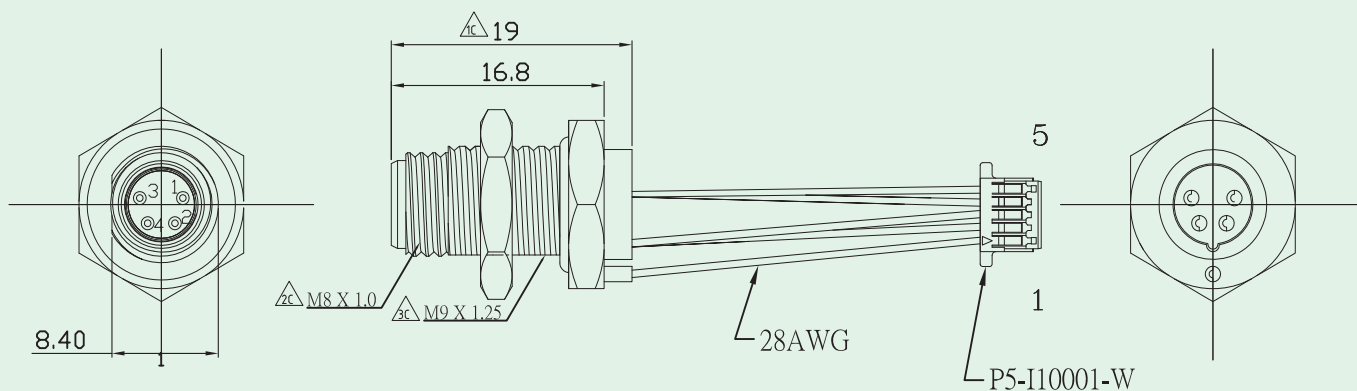


Waterproof M8 Male Front Mount For USB Cable Assembly

KINSUN

CONTACT ARRANGEMENT FRONT VIEW			
	3P	4P	6P

P1	WIRE COLOR	P2
1	BLACK	2
2	WHITE	4
3	GREEN	3
4	RED	5
SHIELDED	BLACK	1



Materials

- **Plastic Housing** : Engineering Thermoplastic
Flammability Rating UL 94V-0.
- **Contacts** : Copper Alloy.
- **Plating** : Gold Plating Over Nickel In Contact.
- **O-Ring** : Silicone Rubber Black Color.
- **Shield** : Brass With Nickel Plated.



Ratings and Characteristics

- **Waterproof Rate** : IP68
- **Current Rating** : 3A (3Pin)
3A (4Pin) 1.5A (6Pin)
- **Rated Voltage** : 50V AC/60V DC (3Pin) 50V AC/60V DC (4Pin)
30V AC/30V DC (6Pin)
- **Insulation Resistance** : $10^8 \Omega$ Min

Ordering Information

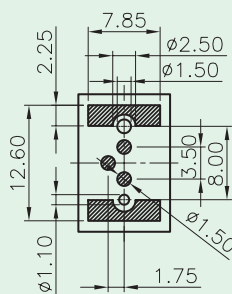
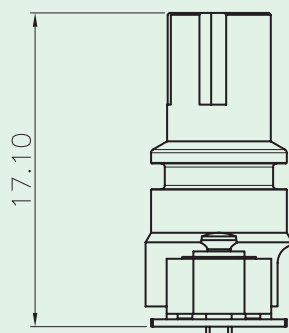
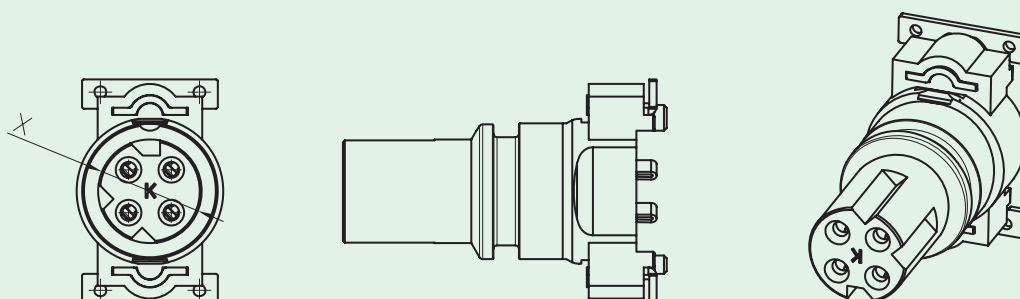
4012A41001



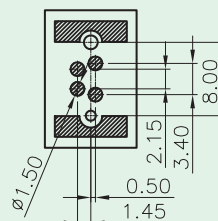
M8 Circular Connector (Female/SMT)

KINSUN

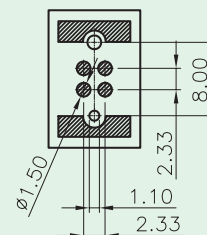
Coded	A-Coded		D-Coded
	X:ø 5.8		X:ø 5.65
Pin assignment (front view)			
	3-pos.	4-pos.	4-pos.
Rated voltage	50V A.C./60V D.C.		60V A.C./D.C.
Nominal current	3A		4A



A-CODING



A-CODING



D-CODING

PCB Layout

Materials

- **Plastic Housing** : High Temp. Thermoplastic
Flammability Rating UL 94-V0
- **Contacts** : Phosphor bronze
- **Rated current** : According to the form
- **Rated voltage** : According to the form
- **Insulation resistance** : $10^8 \Omega$ Min



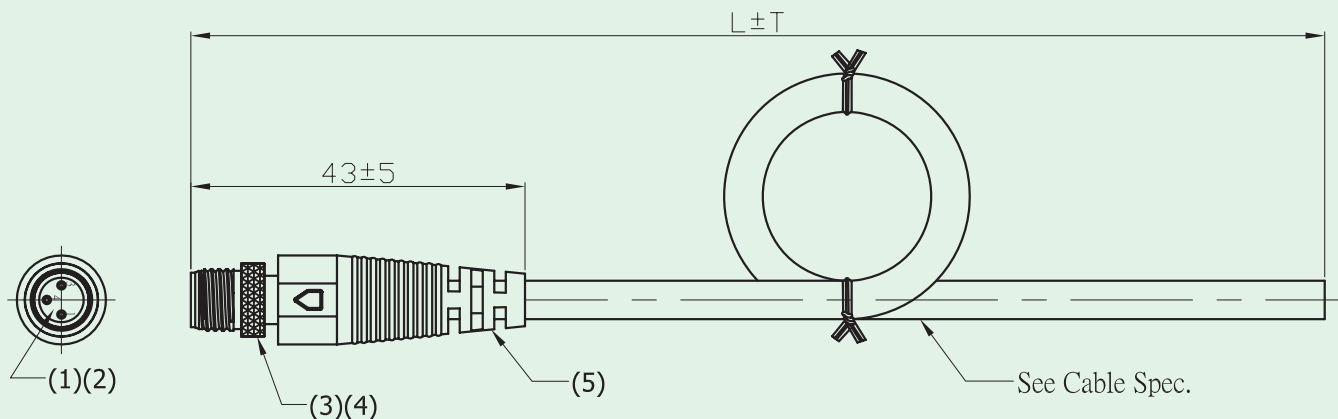
Ordering Information

M8 SMT Series



Waterproof M8 Male Straight With Cable

KINSUN



Contacts	A-Coding	Cable Spec.	Rated Current /Voltage
3PIN		UL2517 105°C 300V 22AWG(24AWG)*3C+A.E.B PVC Jacket OD=5.0~5.8 [Wire Color : Brown .Blue . Black]	3A 50V AC /60V DC
4PIN		UL2517 105°C 300V 22AWG(24AWG)*4C+A.E.B PVC Jacket OD=5.0~5.8 [Wire Color : Brown .White .Blue . Black]	3A 50V AC /60V DC
6PIN		UL2517 105°C 300V 26AWG(28AWG)*6C+A.E.B PVC Jacket OD=5.6 [Wire Color : Blue .Green .Yellow .Red .Brown .Black]	1.5A 30V AC /30V DC
8PIN		UL2517 105°C 300V 26AWG(28AWG)*8C+A.E.B PVC Jacket OD=5.6 [Wire Color : Blue .Green .Yellow .Red .Brown .Black .Purple .Orange]	1.5A 30V AC /30V DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color



Ordering Information

A=Male 180°
L=Male 90°
N=Female 180°
R=Female 90°

4016 X X X - XXXX

Wire Length

A=A Coding
D=D Coding

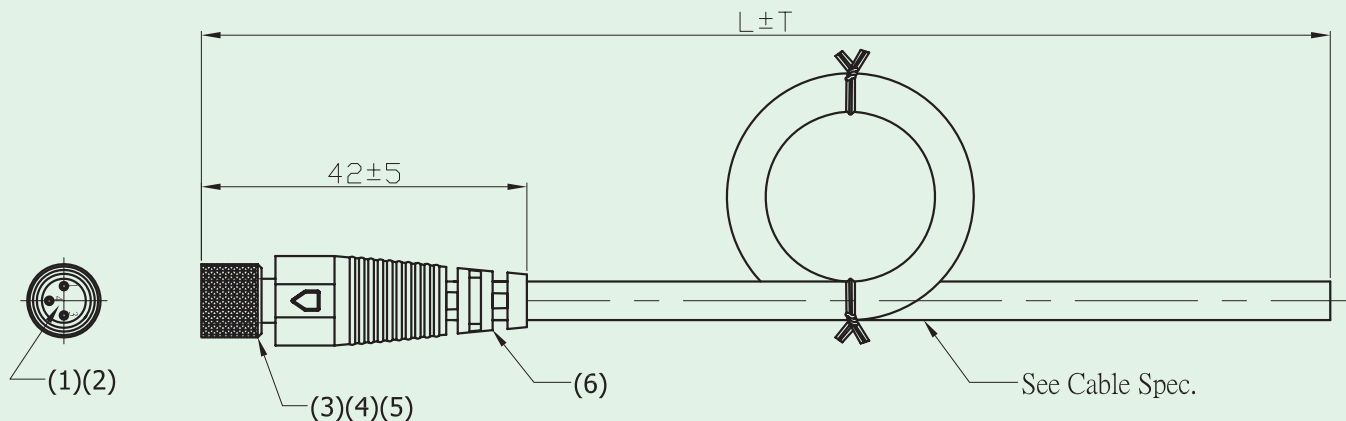
2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...

~80~



Waterproof M8 Female Straight With Cable

KINSUN



Contacts	A-Coding	Cable Spec.	Rated Current /Voltage
3PIN		UL2517 105°C 300V 22AWG(24AWG)*3C+A.E.B PVC Jacket OD=5.0~5.8 [Wire Color : Brown .Blue . Black]	3A 50V AC /60V DC
4PIN		UL2517 105°C 300V 22AWG(24AWG)*4C+A.E.B PVC Jacket OD=5.0~5.8 [Wire Color : Brown .White .Blue . Black]	3A 50V AC /60V DC
6PIN		UL2517 105°C 300V 26AWG(28AWG)*6C+A.E.B PVC Jacket OD=5.6 [Wire Color : Blue .Green .Yellow .Red .Brown .Black]	1.5A 30V AC /30V DC
8PIN		UL2517 105°C 300V 26AWG(28AWG)*8C+A.E.B PVC Jacket OD=5.6 [Wire Color : Blue .Green .Yellow .Red .Brown .Black .Purple .Orange]	1.5A 30V AC /30V DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **O-Ring** : EPDM Rubber Red Color.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color



Ordering Information

A=Male 180°
L=Male 90°
N=Female 180°
R=Female 90°

4016 X X X - XXXX

Wire Length

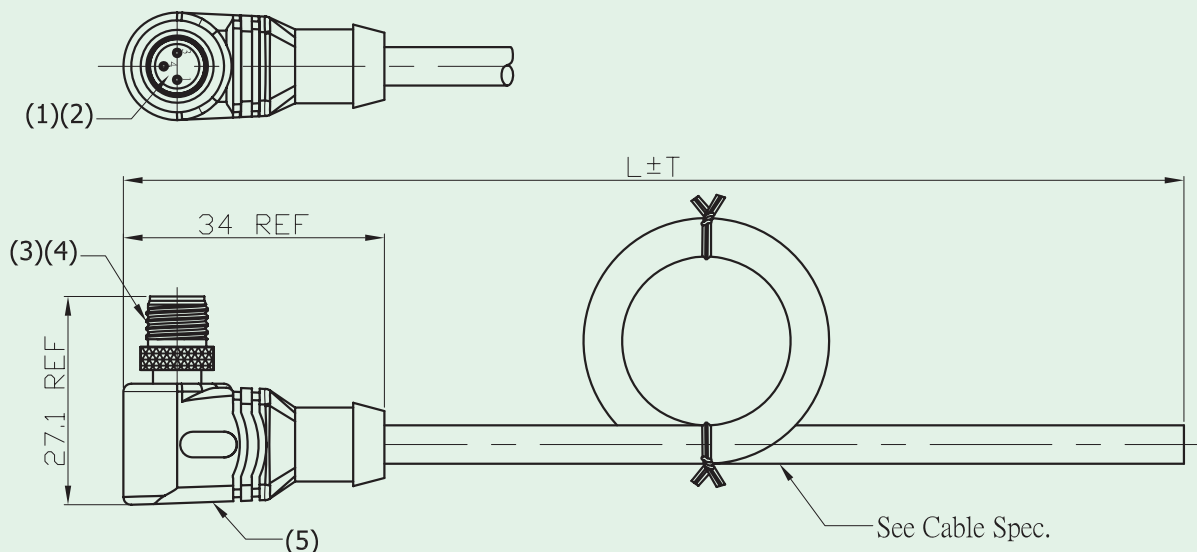
A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...



Waterproof M8 Male Right Angle With Cable

KINSUN



Contacts	A-Coding	Cable Spec.	Rated Current /Voltage
3PIN		UL2517 105°C 300V 22AWG(24AWG)*3C+A.E.B PVC Jacket OD=5.0~5.8 [Wire Color : Brown .Blue . Black]	3A 50V AC /60V DC
4PIN		UL2517 105°C 300V 22AWG(24AWG)*4C+A.E.B PVC Jacket OD=5.0~5.8 [Wire Color : Brown .White .Blue . Black]	3A 50V AC /60V DC
6PIN		UL2517 105°C 300V 26AWG(28AWG)*6C+A.E.B PVC Jacket OD=5.6 [Wire Color : Blue .Green .Yellow .Red .Brown .Black]	1.5A 30V AC /30V DC
8PIN		UL2517 105°C 300V 26AWG(28AWG)*8C+A.E.B PVC Jacket OD=5.6 [Wire Color : Blue .Green .Yellow .Red .Brown .Black .Purple .Orange]	1.5A 30V AC /30V DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color



Ordering Information

A=Male 180°
L=Male 90°
N=Female 180°
R=Female 90°

4016 X X X - XXXX

Wire Length

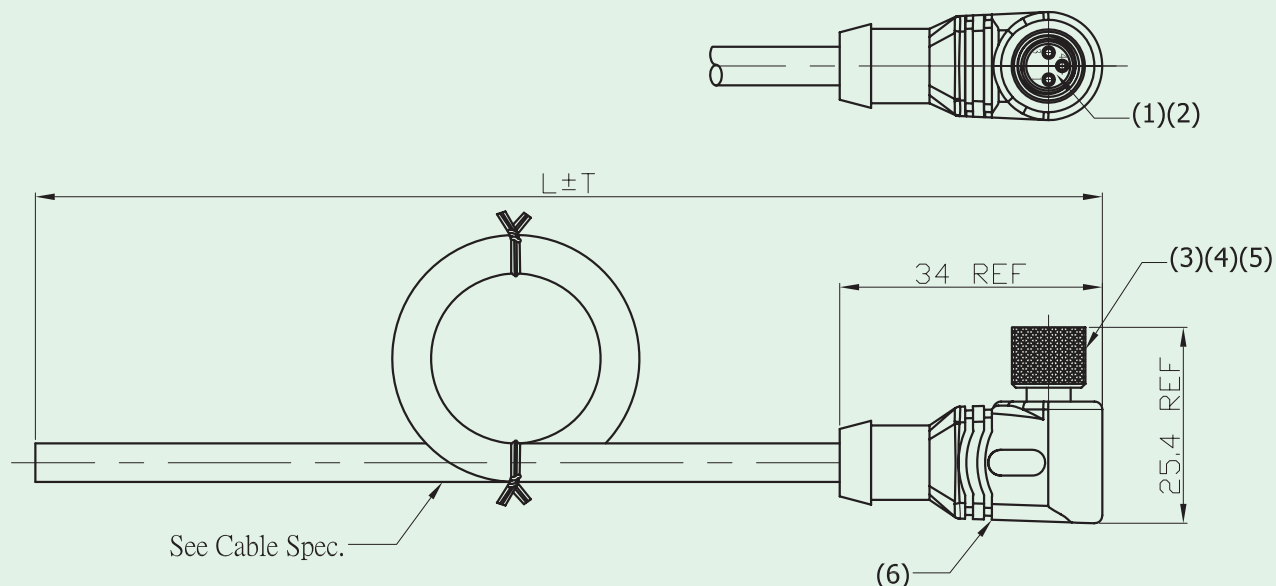
A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
⋮
A=10 Pin
B=11 Pin
⋮



Waterproof M8 Female Right Angle With Cable

KINSUN



Contacts	A-Coding	Cable Spec.	Rated Current /Voltage
3PIN		UL2517 105°C 300V 22AWG(24AWG)*3C+A.E.B PVC Jacket OD=5.0~5.8 [Wire Color : Brown .Blue . Black]	3A 50V AC /60V DC
4PIN		UL2517 105°C 300V 22AWG(24AWG)*4C+A.E.B PVC Jacket OD=5.0~5.8 [Wire Color : Brown .White .Blue . Black]	3A 50V AC /60V DC
6PIN		UL2517 105°C 300V 26AWG(28AWG)*6C+A.E.B PVC Jacket OD=5.6 [Wire Color : Blue .Green .Yellow .Red .Brown .Black]	1.5A 30V AC /30V DC
8PIN		UL2517 105°C 300V 26AWG(28AWG)*8C+A.E.B PVC Jacket OD=5.6 [Wire Color : Blue .Green .Yellow .Red .Brown .Black .Purple .Orange]	1.5A 30V AC /30V DC

Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0. Color Black
- **Contacts** : Copper Alloy with Gold Plating Over Nickel In Contact.
- **Grounding Metal** : Brass With Nickel Plated.
- **O-Ring** : EPDM Rubber Red Color.
- **Coupling Nut** : Brass With Nickel Plated.
- **Over Mold** : TPU Black Color



Ordering Information

A=Male 180°
L=Male 90°
N=Female 180°
R=Female 90°

4016 X X X - XXXX

Wire Length

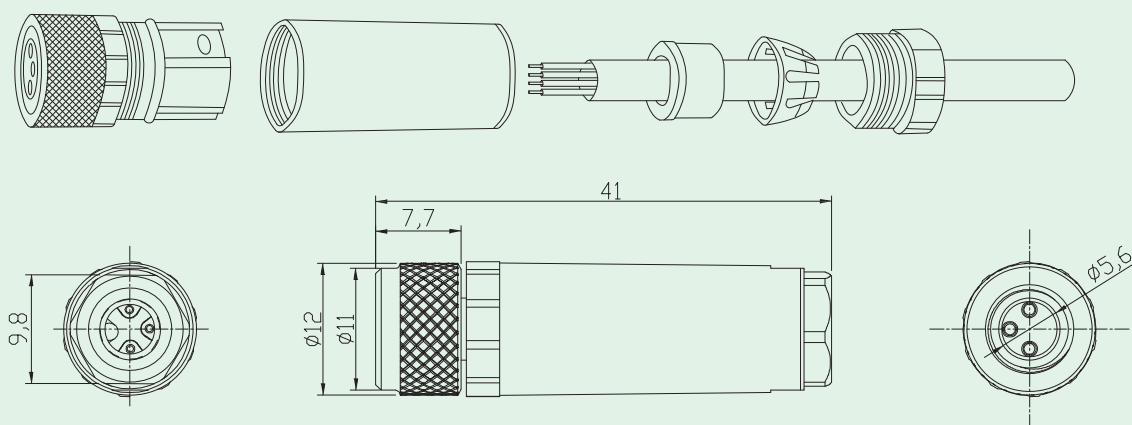
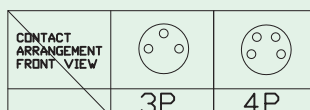
A=A Coding
D=D Coding

2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...

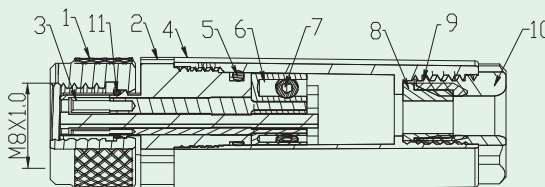


Waterproof Circular Connectors (M8 Female Cable Assembly)

KINSUN



編號	產品名稱	
11	o-ring	NBR
10	尾部螺帽	PA
9	電纜夾	PA
8	橡膠套管	Silicon
7	止附螺絲	Stainless Steel
6	壓接槽	Brass
5	橡膠圈	NBR
4	Body	PA
3	Female Pin	Brass
2	Housing	PA
1	外套	Brass



Materials

- **Waterproof Rate** : IP68
- **Current Rating** : 3A (3Pin)
3A (4Pin)
- **Rated Voltage** : 60V AC/ DC (3Pin)
30V AC/ DC (4Pin)
- **Insulation Resistance** : $10^8 \Omega$ Min



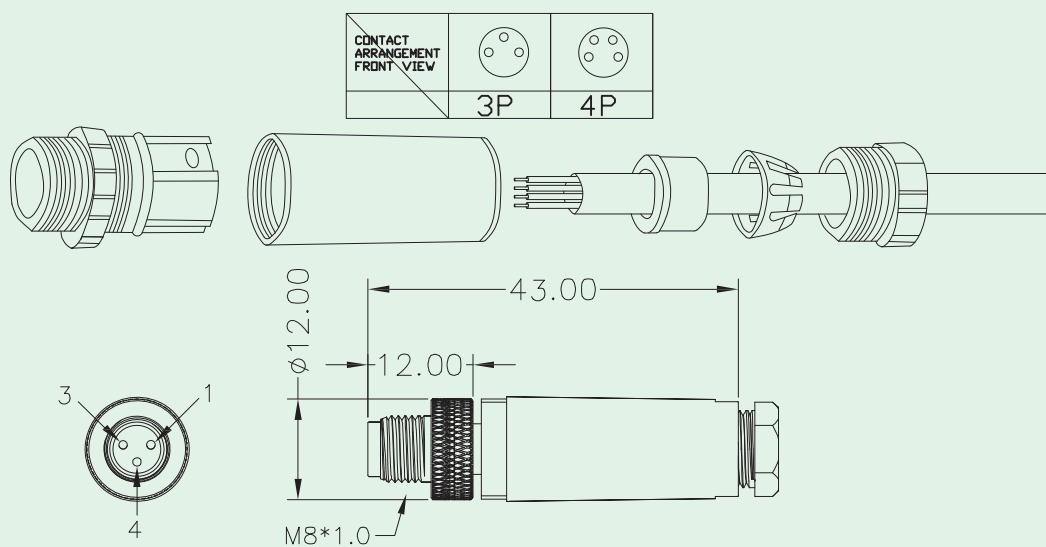
Ordering Information

4016Z30000

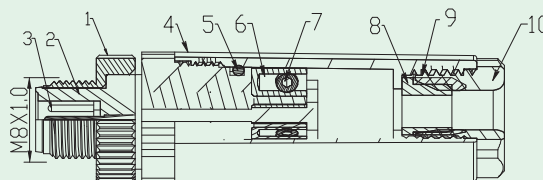


Waterproof Circular Connectors (M8 Male Cable Assembly)

KINSUN



編號	產品名稱	
10	尾部螺帽	PA
9	電纜夾	PA
8	橡膠套管	Silicon
7	止附螺絲	Stainless Steel
6	壓接槽	Brass
5	橡膠圈	NBR
4	Body	PA
3	Male Pin	Brass
2	Housing	PA
1	外套	Brass



Materials

- **Waterproof Rate** : IP68
- **Current Rating** : 3A(3Pin)
3A(4Pin)
- **Rated Voltage** : 60V AC/ DC(3Pin)
30V AC/ DC(4Pin)
- **Insulation Resistance** : $10^8 \Omega$ Min



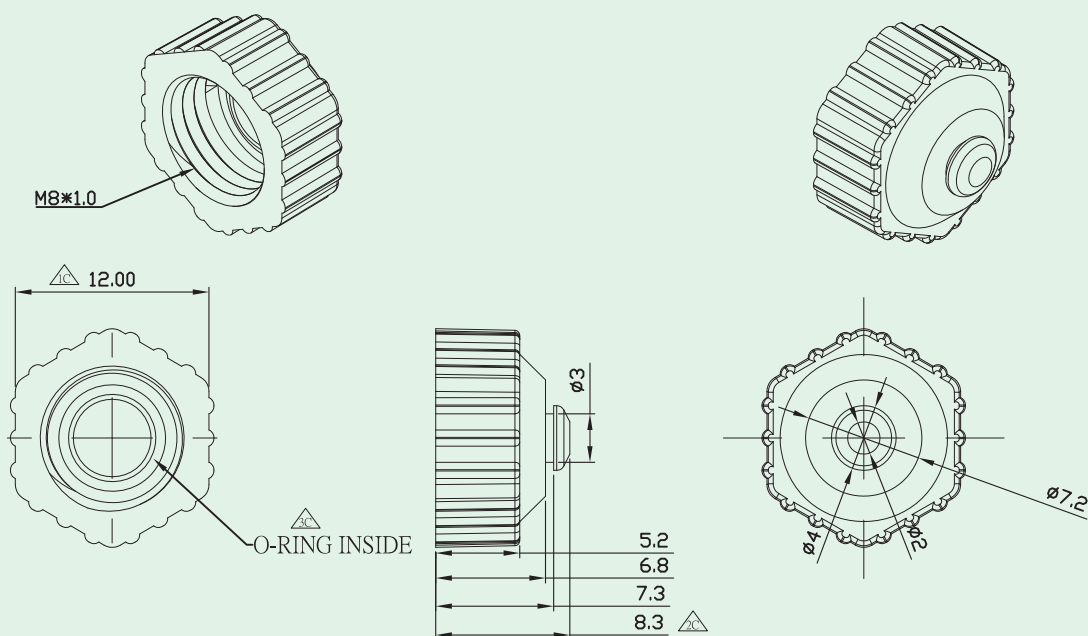
Ordering Information

4016 Series



Waterproof M8 Cap

KINSUN



Materials

- **Plastic Housing** : Engineering Thermoplastic.



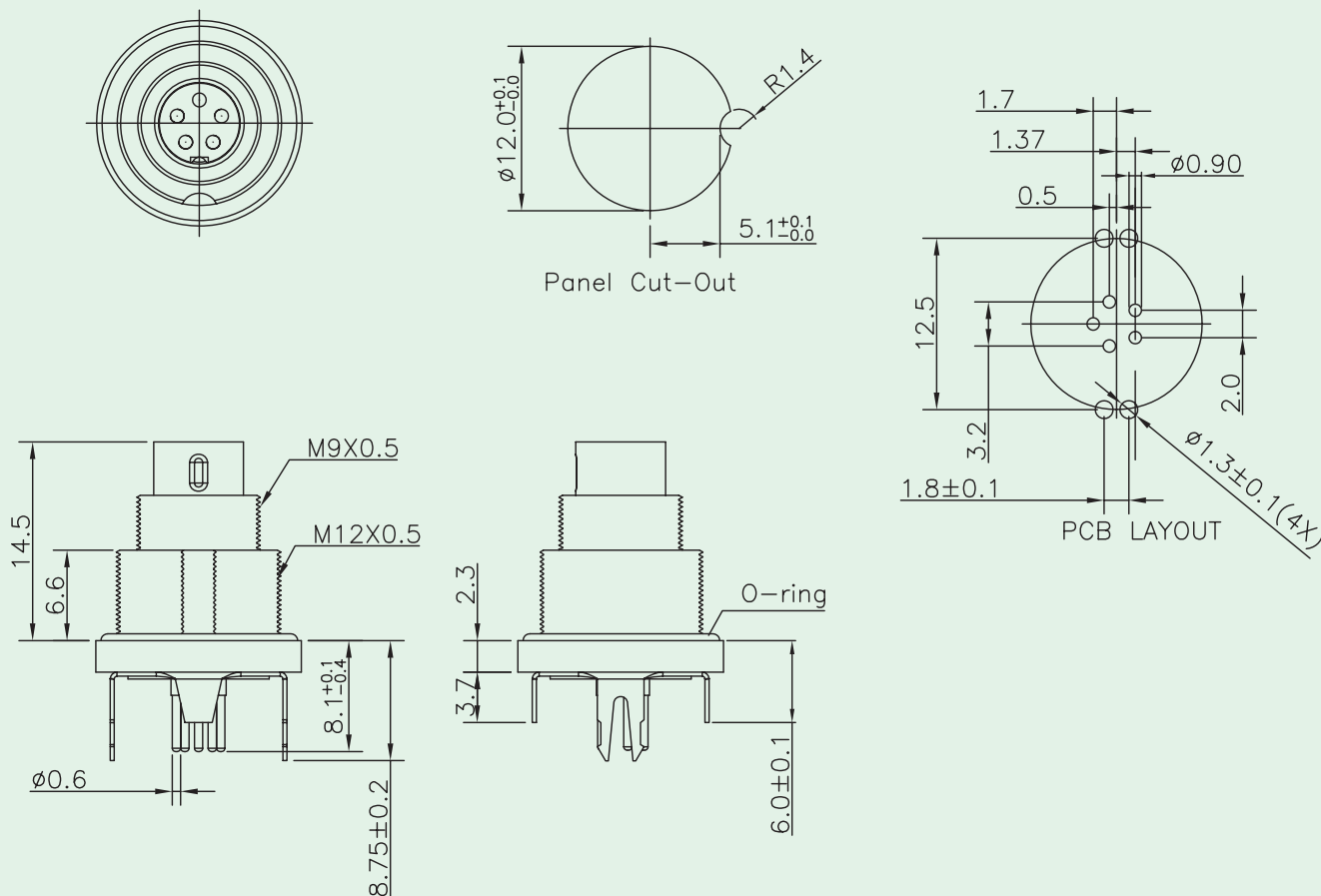
Ordering Information

4012A-01 (M8 Male Cap)



Waterproof Circular Connector (M9 5P Male)

KINSUN



Materials

- **Housing** : Brass Plating Nickel Over All.
 - **Contacts** : Brass, Gold Plating Over Nickel In Contact.
 - **Nut** : Brass Plating Nickel Over All.
 - **O-ring(Outside)** : FKM.
 - **Panel Thick** : 1.5~2.5mm.
 - **Specifications** :
1. Poles : 5.
 2. Rated Voltage : 125V.
 3. Rated Current : 3A.
 4. Contact Resistance : <15M Ω .
 5. Insulation Resistance : >100M Ω .
 6. Protection : IP68.
 7. Temperature Range : -40°C ~ 85°C.



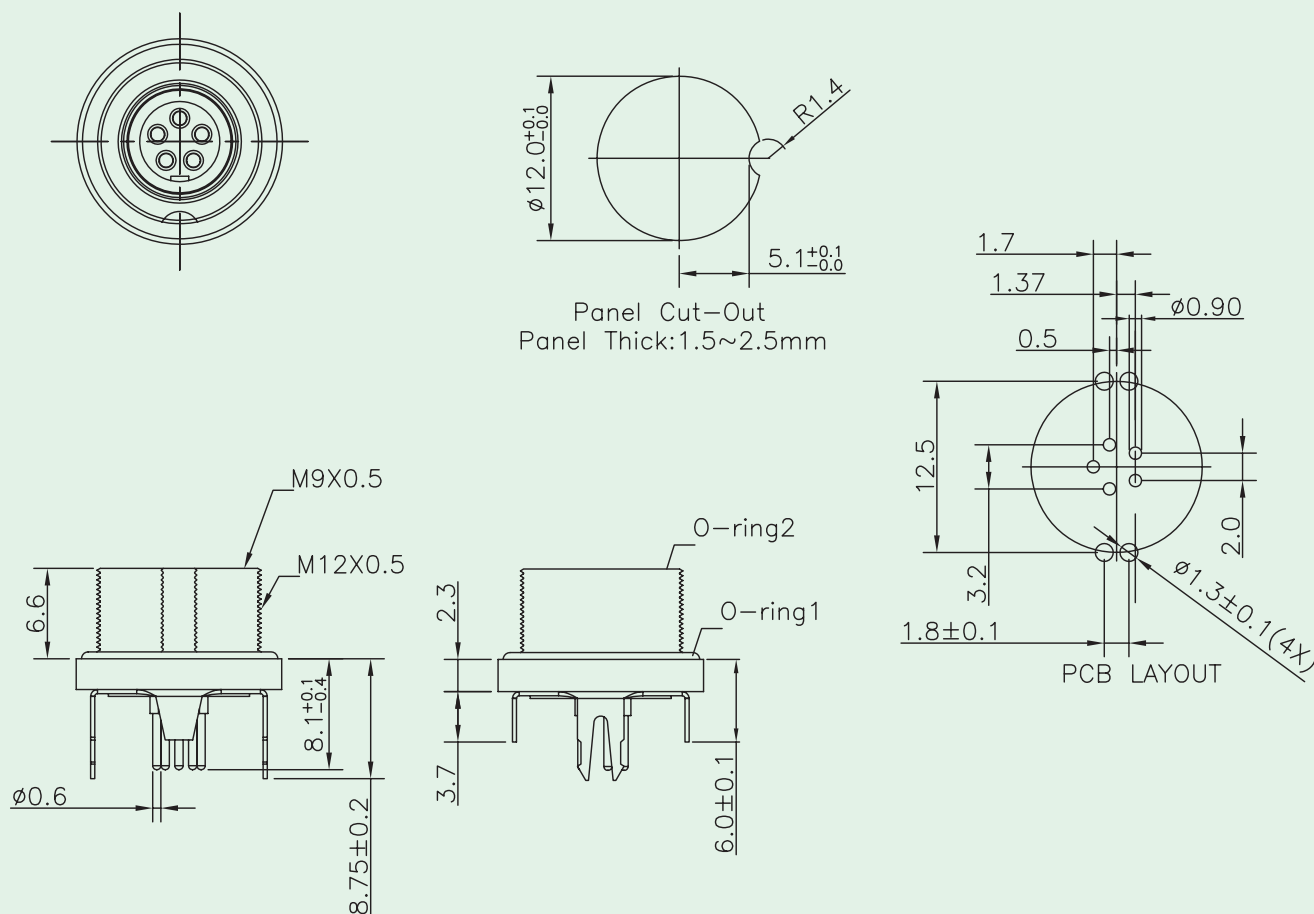
Ordering Information

4022 - Series



Waterproof Circular Connector (M9 5P Female)

KINSUN



Materials

- **Housing** : Brass Plating Nickel Over All.
 - **Contacts** : Brass, Gold Plating Over Nickel In Contact.
 - **Nut** : Brass Plating Nickel Over All.
 - **O-ring(Outside)** : FKM.
 - **O-ring(Inner)** : NBR.
 - **Panel Thick** : 1.5~2.5mm.
 - **Specifications** :
1. Poles : 5.
 2. Rated Voltage : 125V.
 3. Rated Current : 3A.
 4. Contact Resistance : <15MΩ.
 5. Insulation Resistance : >100MΩ.
 6. Protection : IP68.
 7. Temperature Range : -40°C~85°C.



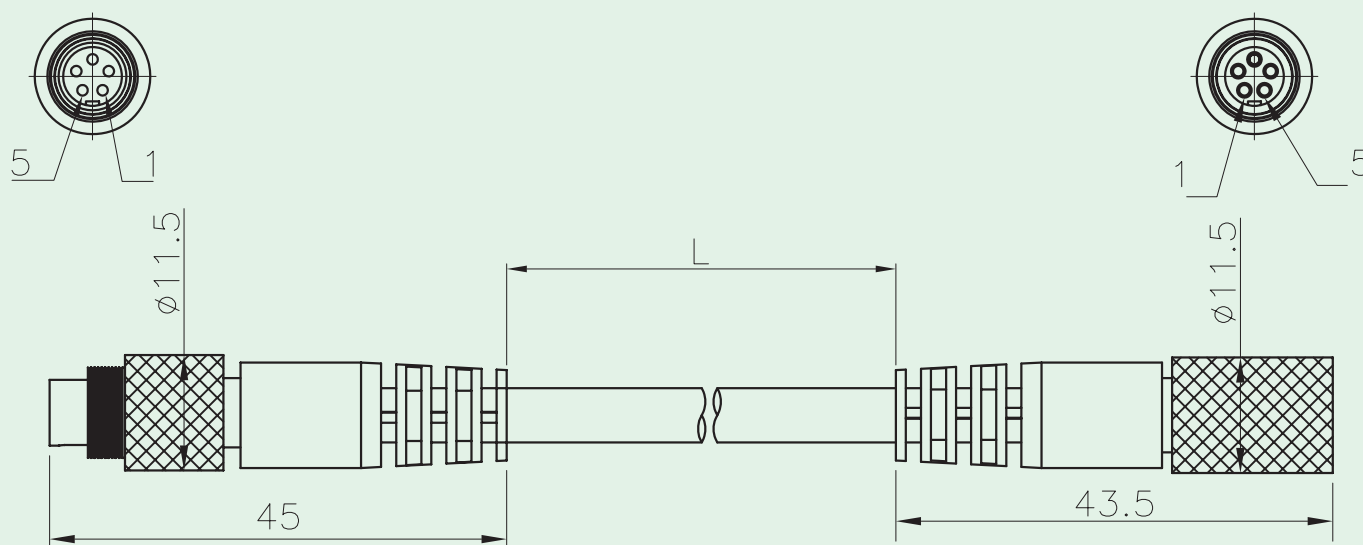
Ordering Information

4022 - Series



Waterproof Circular Connector (M9 5P 180° Female & Male)

KINSUN



Materials

- **Housing** : Brass Plating Nickel Over All.
- **Contacts** : Brass, Gold Plating Over Nickel In Contact.
- **Nut** : Brass Plating Nickel Over All.
- **O-ring(Outside)** : FKM.
- **O-ring(Inner)** : NBR.
- **Molding Material** : TPU.
- **Panel Thickness** : 1.5~2.5mm.
- **Specifications** :
 1. Poles : 5.
 2. Rated Voltage : 125V.
 3. Rated Current : 3A.
 4. Contact Resistance : <15MΩ.
 5. Insulation Resistance : >100MΩ.
 6. Temperature Range : -40°C~85°C.



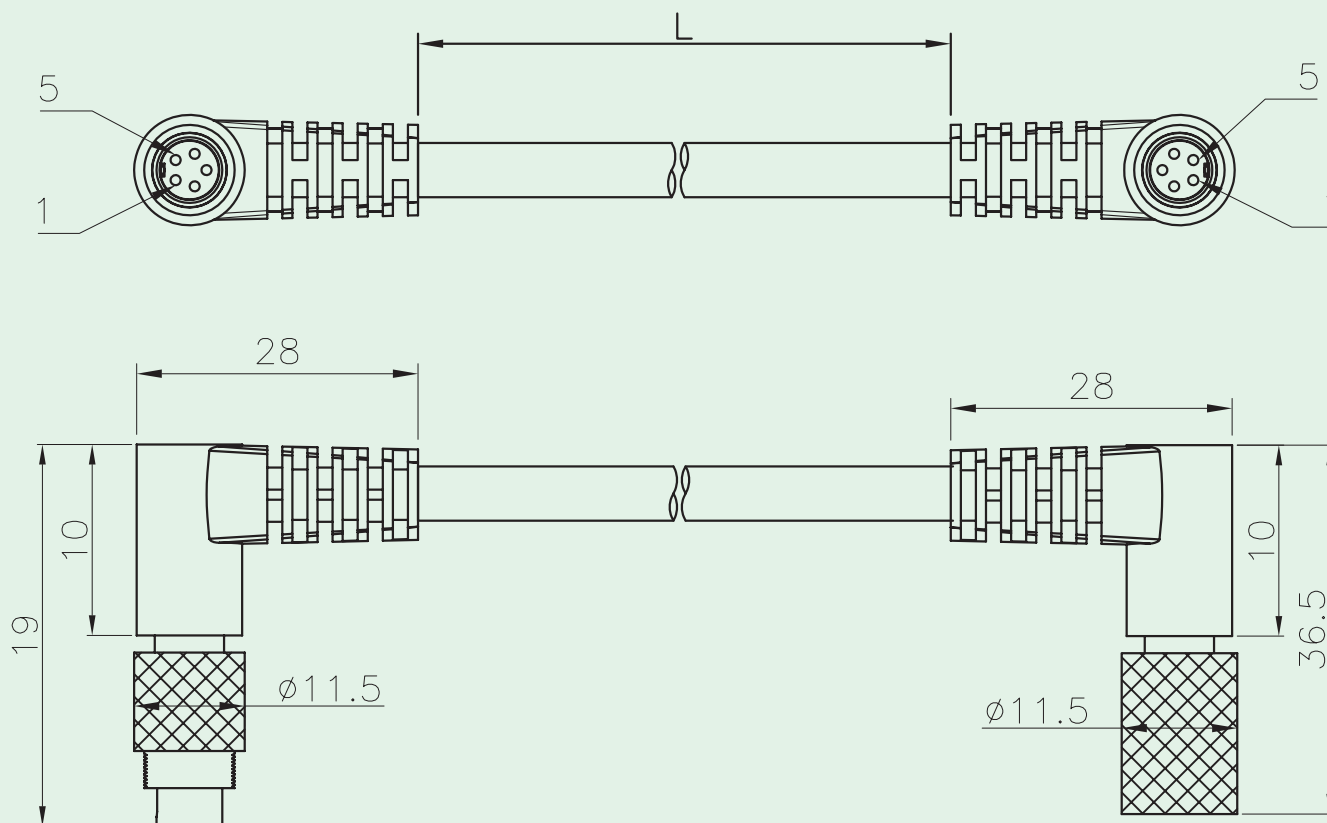
Ordering Information

4026 - Series



Waterproof Circular Connector (M9 5P 90° Female & Male)

KINSUN



Materials

- **Housing** : Brass Plating Nickel Over All.
- **Contacts** : Brass, Gold Plating Over Nickel In Contact.
- **Nut** : Brass Plating Nickel Over All.
- **O-ring(Outside)** : FKM.
- **O-ring(Inner)** : NBR.
- **Molding Material** : TPU.
- **Panel Thickness** : 1.5~2.5mm.
- **Specifications** :
 1. Poles : 5.
 2. Rated Voltage : 125V.
 3. Rated Current : 3A.
 4. Contact Resistance : <15MΩ.
 5. Insulation Resistance : >100MΩ.
 6. Temperature Range : -40°C ~ 85°C.



Ordering Information

4026 - Series



Cable Specification

KINSUN

UL2464/UL2517

TECHNICAL DATA

Nominal voltage	UL2464 300V AC/ UL2517 AC300V AC
Temperature range	UL2464 -20°C~+80°C/UL2517 -20°C~+105°C
Insulator	PVC
Shielding	Single-Shield=Aluminum Foil Double-Shield=Aluminum Foil+Aluminum Foil+Tinned Copper Braided
Braid Colours	Black Gray

UL20276

TECHNICAL DATA

Nominal voltage	30V
Temperature range	80°C
Insulator	PVC
Shielding	Individually shield with spiral wrapped tinned copper wires or braided tinned copper wires
Braid Colours	Black Gray

UL1007/UL1430

TECHNICAL DATA

Nominal voltage	300V
Temperature range	UL1007 80°C /UL1430 105°C
Insulator	UL1007 PVC /UL1430 XL-PVC
Braid Colours	Black Brown Red Orange Yellow Green Blue Purple Gray White

Ethernet cables

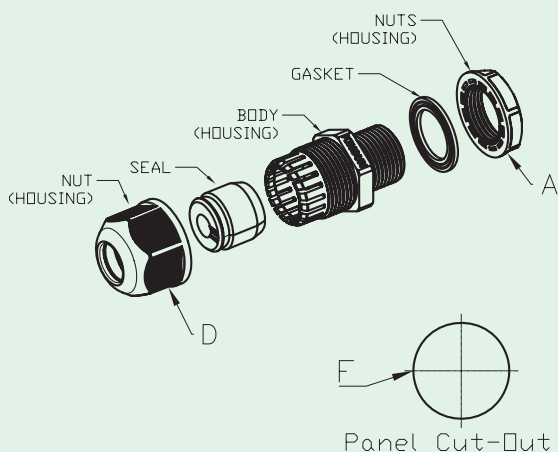
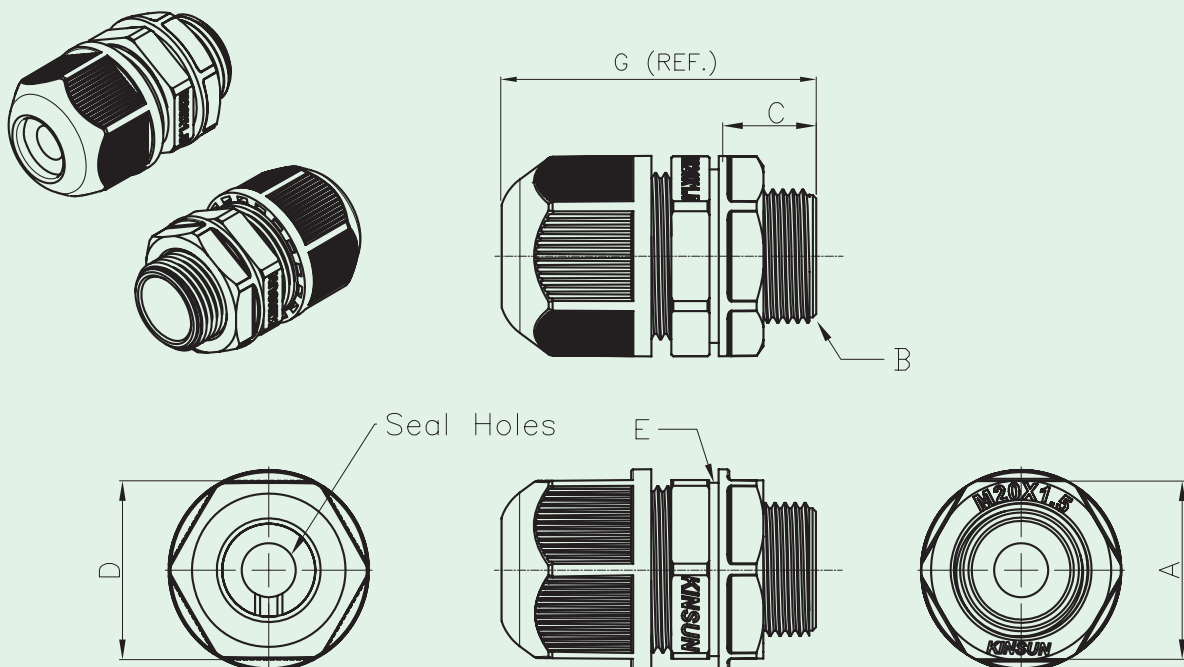
TECHNICAL DATA

UTP	CAT5e	24AWG*4P Black
FTP	CAT5e	26AWG*4P Black
S-FTP	CAT6A	26AWG*4P Beige
Temperature range	75°C	
Insulator	PVC	



Cable Gland

KINSUN



Seal Holes	Thread B	Thread Length C	Cable Range ϕ	Spanner Size A / D	Panel Thick (Max.) E	Panel Mounting Hole F	Total Length G (REF.)
1	M16x1.5P	15	4.0~7.0	22 / 22	5.50	16~16.3	41.45(REF.)
1	M20x1.5P	16	4.0~6.0	27 / 27	6.50	20~20.3	49.30(REF.)
			5.0~8.0				
			7.0~11.0				
			10.0~14.0				
1	M25x1.5P	10	4.0~6.0	33 / 27	1.50	25~25.4	41.00(REF.)
			5.0~8.0				
			7.0~11.0				
			10.0~14.0				

Materials

Mechanical :

- **Housing** : Engineering Thermoplastic.
Flammability Rating UL94V-2.(UL94V-0)
- **Seal & Gasket** : Silicone.
- **Operating Temperature** : -40°C ~ 105°C



Ordering Information

4301 - Series

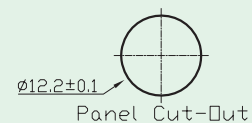
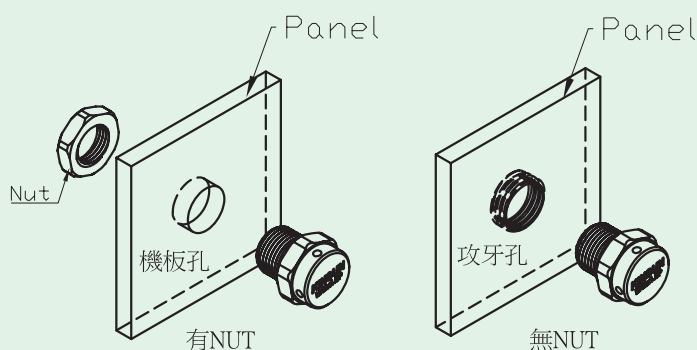
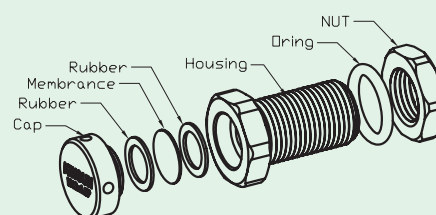
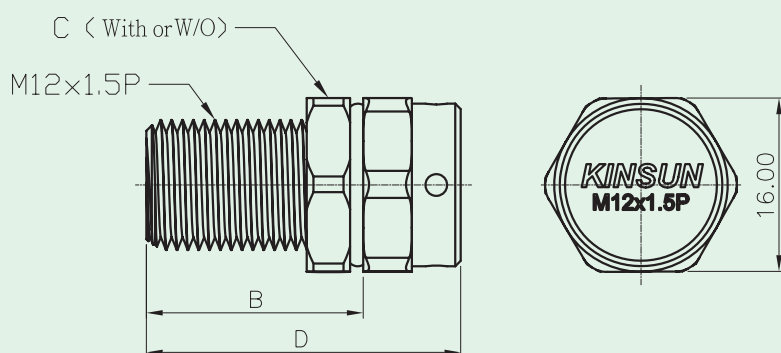
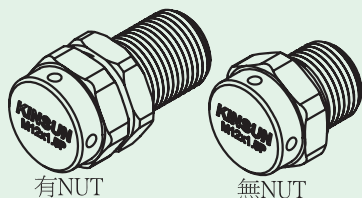
Series No.

- Other than Standard Series are available



Vent Plug (Metal-type)

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Thread	Thread Length	Nut	Total Length	Wrench	Panel Thick (Max.)
A	B	C	D		
M12x1.5P	10	YES	19	16	4.0
M12x1.5P	10	No	20	16	8.0
M12x1.5P	20	YES	29	16	15.0

Materials

Mechanical :

- **Housing** : Brass With Nickel.
- **Cap** : Brass With Nickel.
- **Nut** : Brass With Nickel.
- **Membrane** : PTFE.
- **Rubber** : Silicone.
- **O-Ring** : EPDM.
- **Operating Temperature** : -40°C~105°C
- **Air Permeability** : 1061 ml/cm²/min(@1 Psi)



Ordering Information

4380 - Series

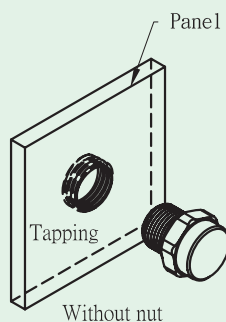
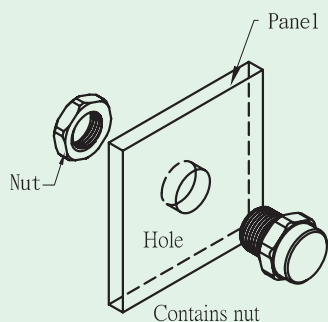
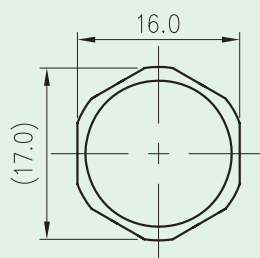
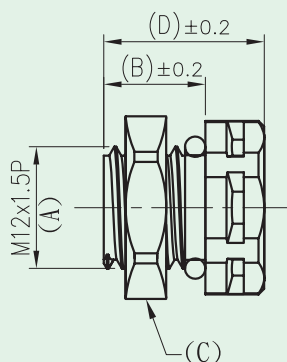
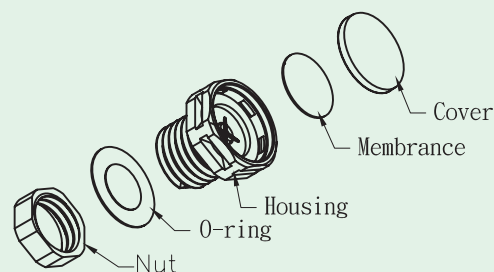


Vent Plug (Plastic-type)

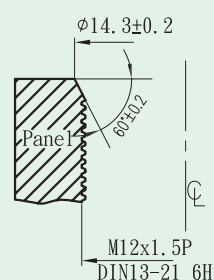
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Unit:mm

Thread (A)	Thread Length (B)	Nut (C)	Total Length (D)	Wrench	Panel Thick (Max.)
M12x1.5P	10	YES	15.8	16	4.0
M12x1.5P	10	No	15.8	16	8.0



Panel Cut-Out



Panel Cut-Out

Materials

- **Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **Membrane** : EPTFE.
- **O-Ring** : Silicone. UR 94V-0.
- **Installation torque** : 0.8-1.2 N.m.
- **Air Permeability (Gurley)** : 1000-1500 ml@70mbar
- **Operating Temperature** : -40°C ~ 115°C



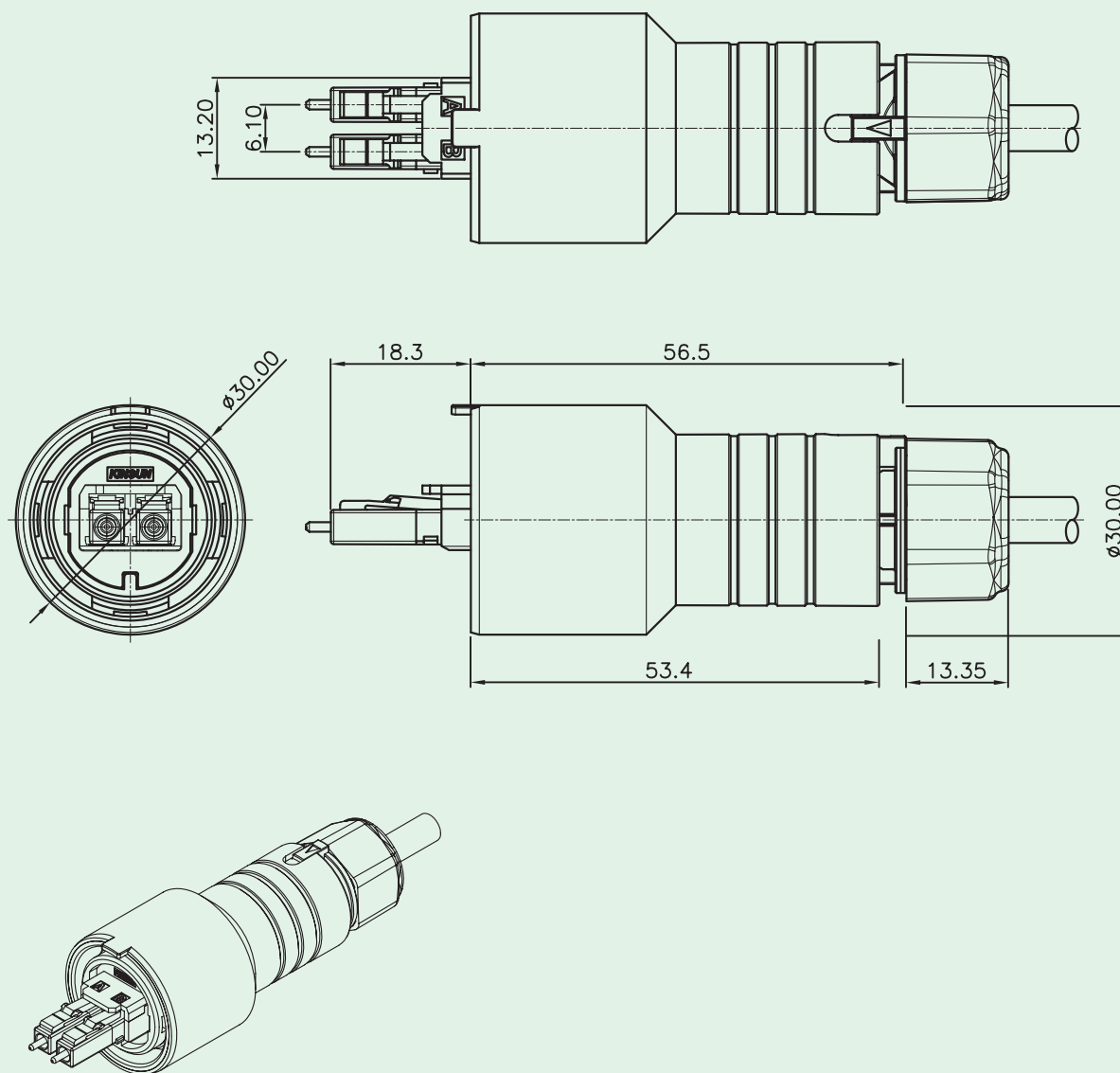
Ordering Information

4381 - Series



Push Pull Fiber Cable Side (For LC Patch Cable)

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Materials

- **Plastic Housing** : Engineering Thermoplastic.
Flammability Rating UL 94V-0.
- **O-Ring** : Nbr Rubber.
- **Connector** : LC Optic Connector.



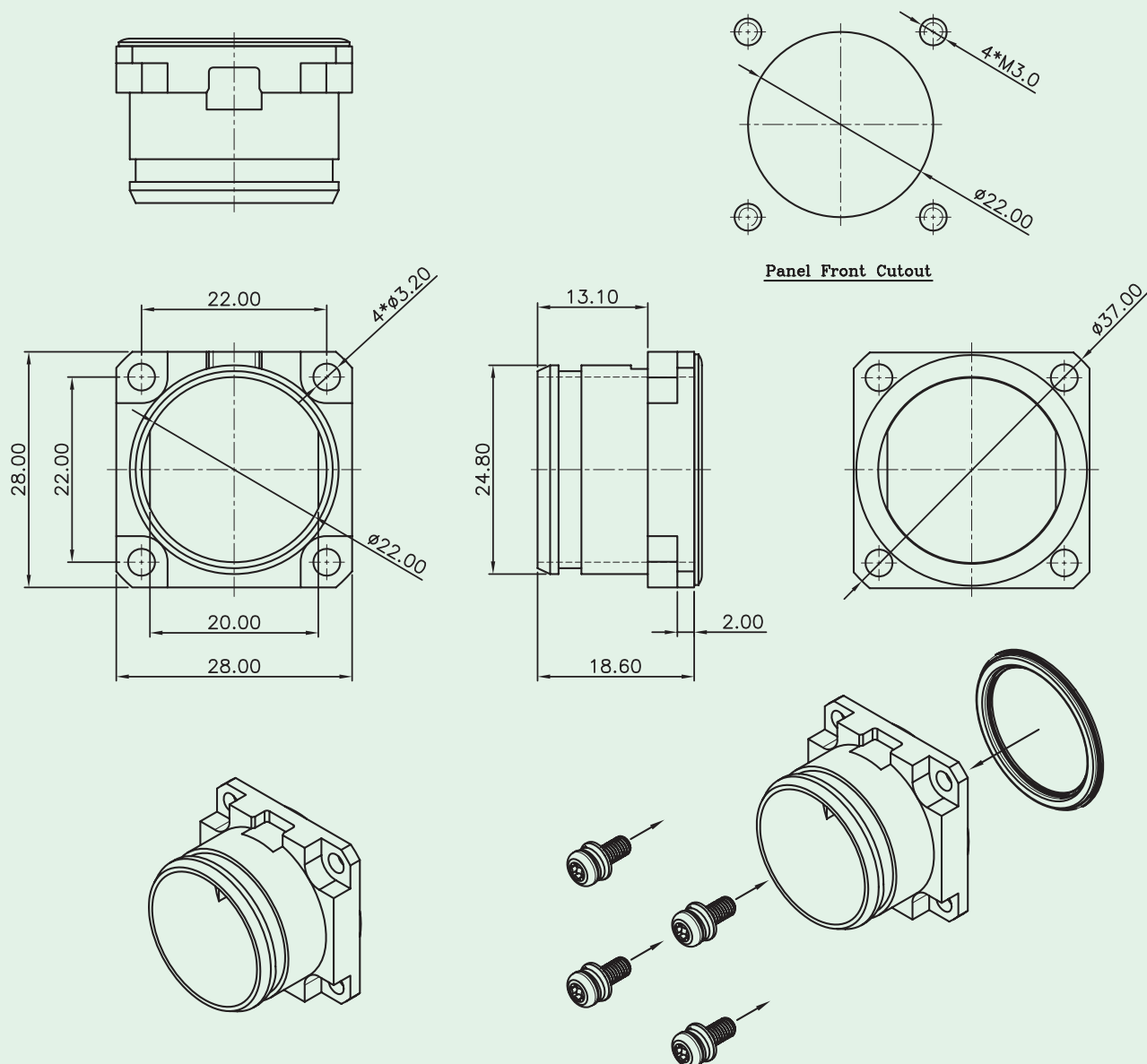
Ordering Information

3359 L



Push Pull Fiber Adapter Box Side

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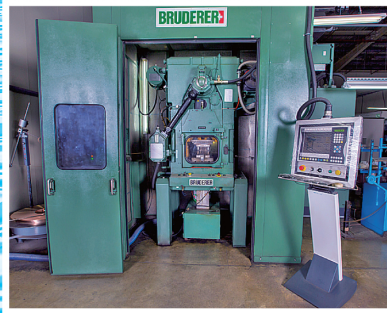
Materials

- **Plastic Housing** : Aluminum
Electro Deposition Coating, Colour: Black.
- **Gasket** : Silicon.
- **Connectop** : LC Dapter Duplex.



Ordering Information

3359 D



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