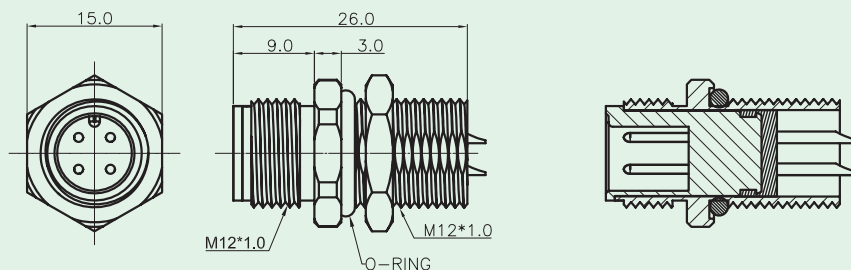


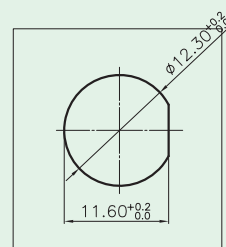
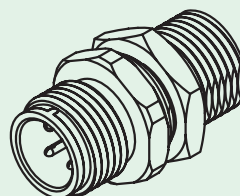


Waterproof M12 Male Rear Mount Solder Wire

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

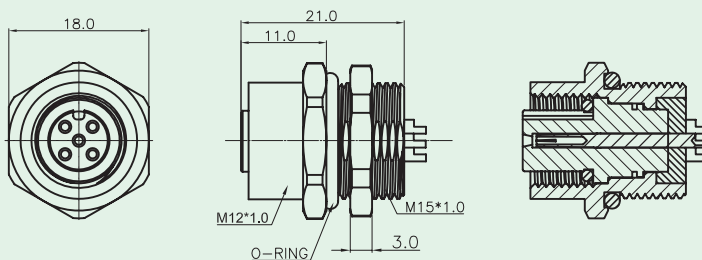
A=A Coding
D=D Coding

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

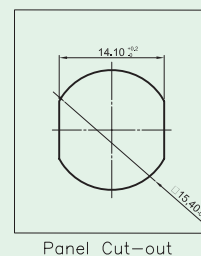
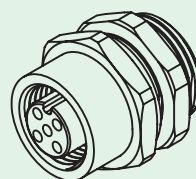


Waterproof M12 Female Rear Mount Solder Wire

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

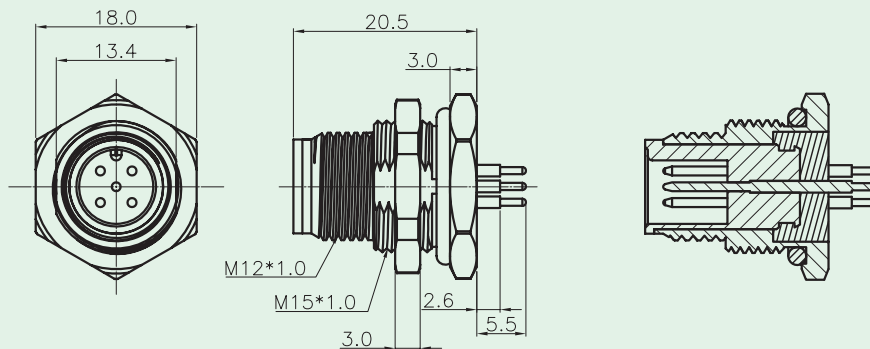
A=A Coding
D=D Coding

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

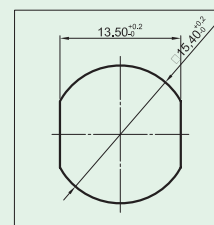
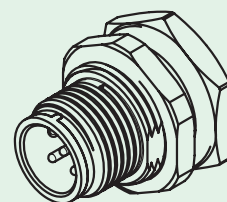


Waterproof M12 Male With M15 Front Mount Dip

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

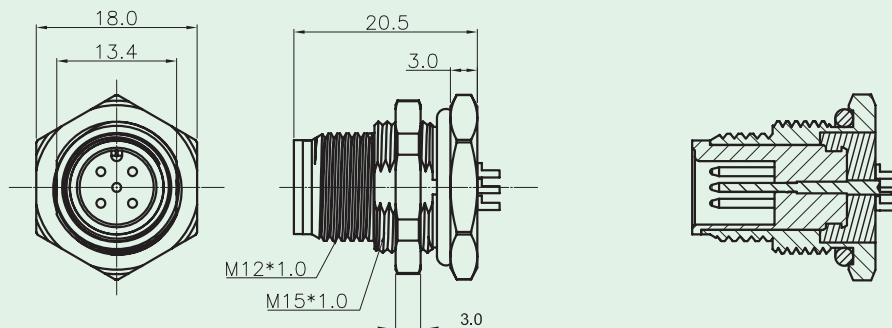
A=A Coding
D=D Coding

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

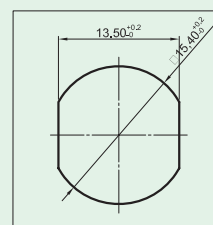
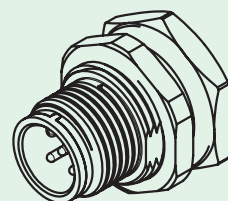


Waterproof M12 Male With M15 Front Mount Solder Wire

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

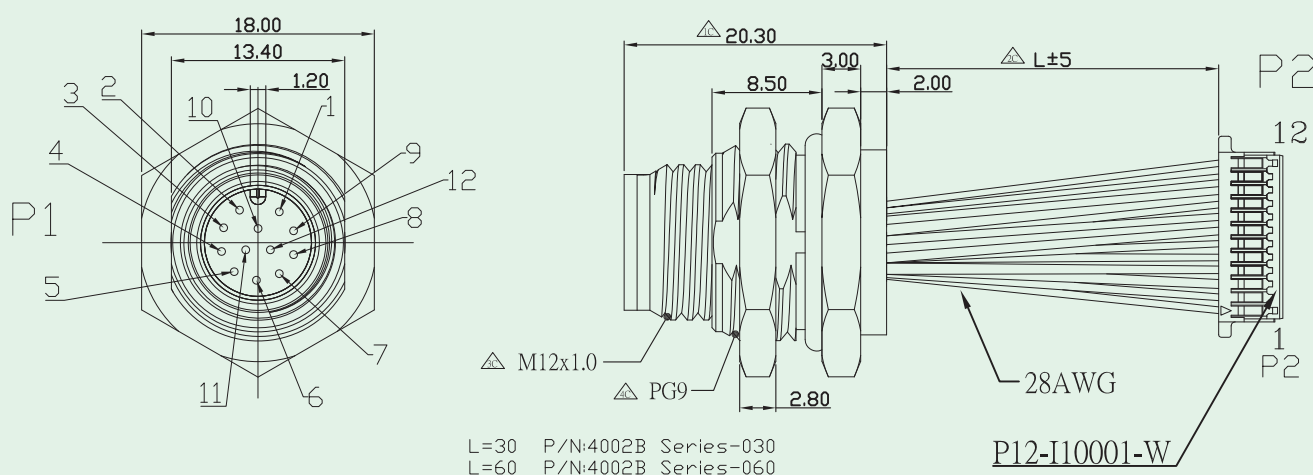
A=Male
N=Female

A=A Coding
D=D Coding

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

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 ☐

Series No.

Female
Panel mount:PG9

C=Cable Assembly
W=Wire Harness
S=For Wire Solder

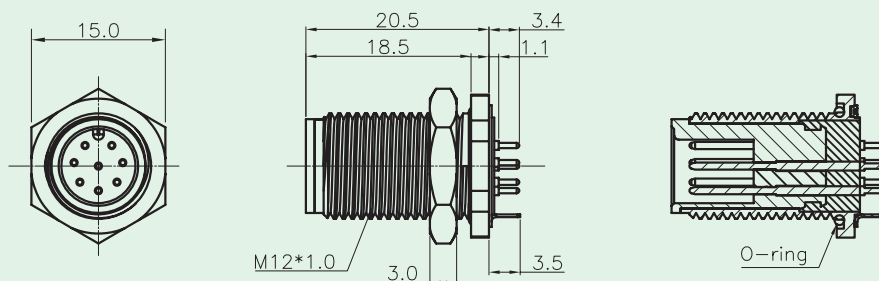
Description:	
Connector Type	
Wire length	

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

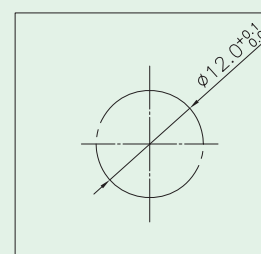
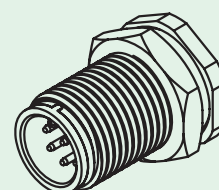


Waterproof M12 Male Front Mount Dip

KINSUN



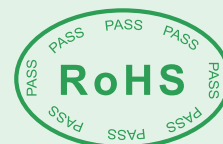
Contacts	A-Coding	Rated Current/Voltage	PCB Layout
2~5PIN		2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]	
6~8PIN		2A/30V AC/DC	
9~12PIN		1.5A/30V AC/DC	
13~17PIN		1.5A/30V AC/DC	



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** : 4.5mm 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

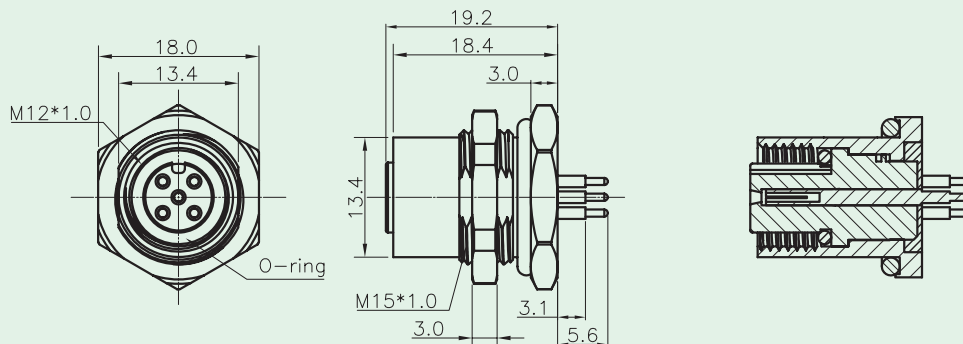
2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...

~50~

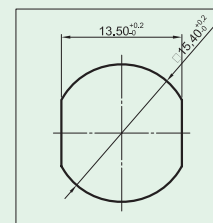
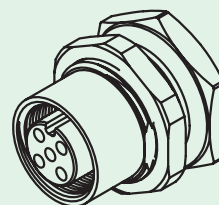


Waterproof M12 Female Front Mount Dip

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

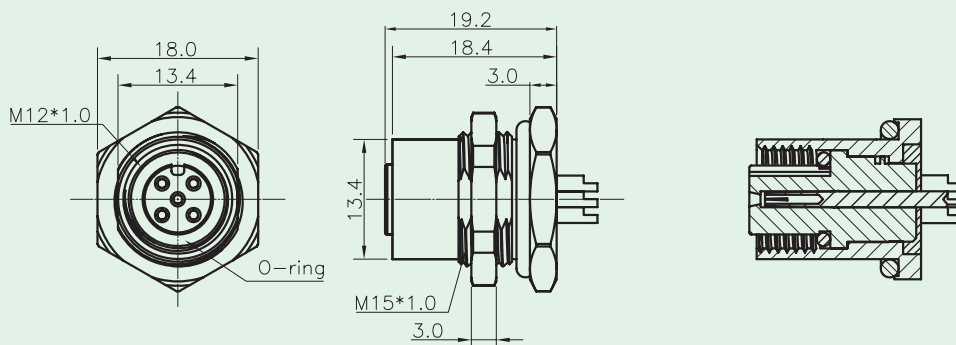
2=2 Pin
3=3 Pin
...
A=10 Pin
B=11 Pin
...

~51~

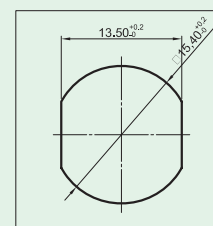
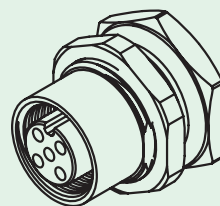


Waterproof M12 Female With M15 Front Mount Solder Wire

KINSUN



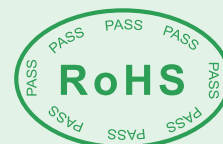
Contacts	A-Coding	Rated Current/Voltage
2~5PIN		2~4PIN [4A/250V AC/DC] 5PIN [4A/60V AC/DC]
6~8PIN		2A/30V AC/DC
9~12PIN		1.5A/30V AC/DC
13~17PIN		1.5A/30V AC/DC



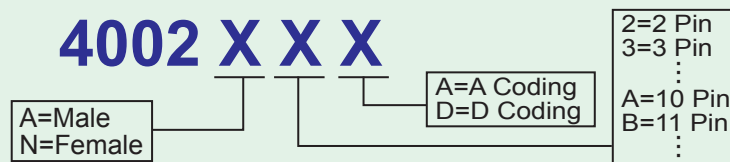
Panel Cut-out

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



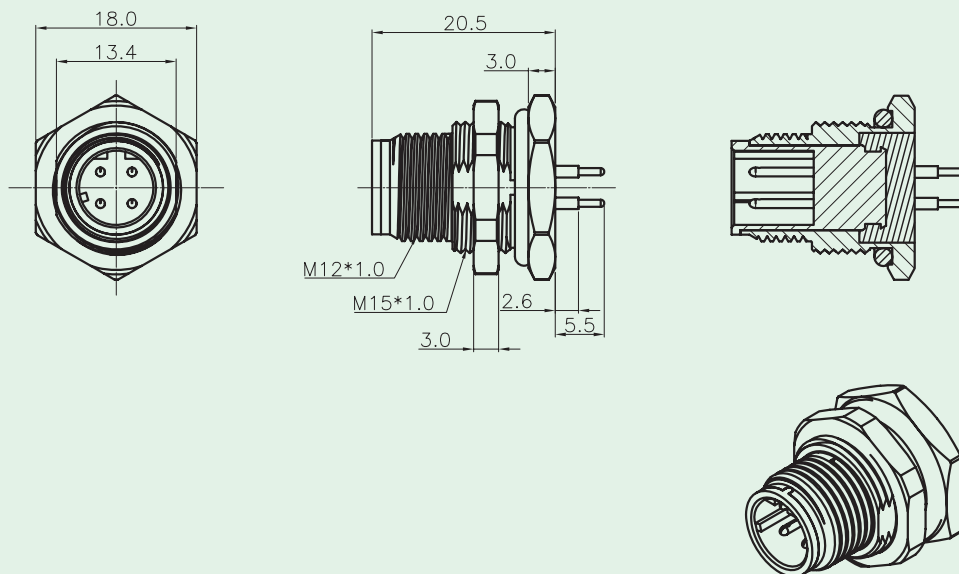
Ordering Information



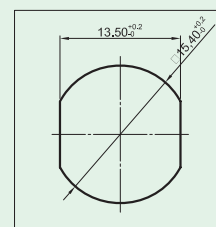


Waterproof M12 Male Front Mount Dip D-Coding

KINSUN



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



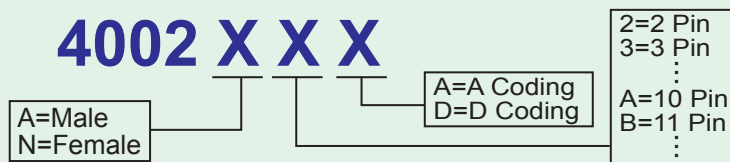
Panel Cut-out

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



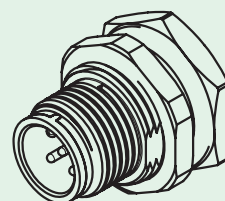
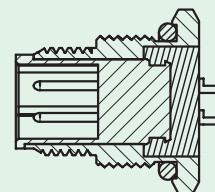
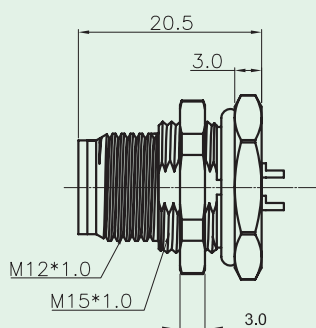
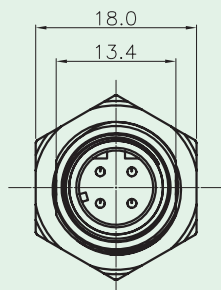
Ordering Information



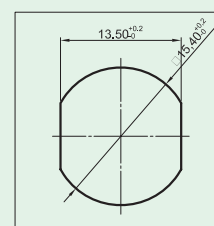


Waterproof M12 Male Front Mount Solder Wire D-Coding

KINSUN



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



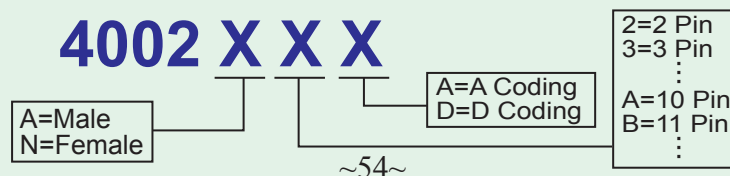
Panel Cut-out

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



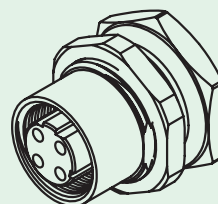
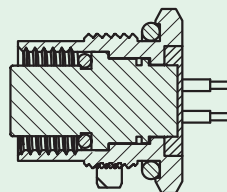
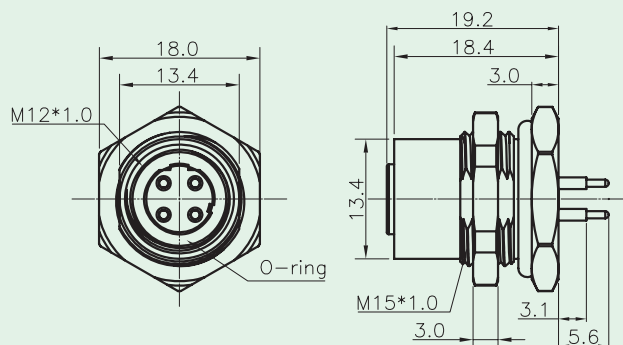
Ordering Information



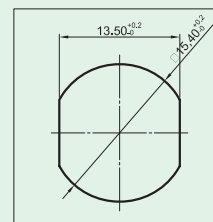


Waterproof M12 Female Front Mount Dip D-Coding

KINSUN



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



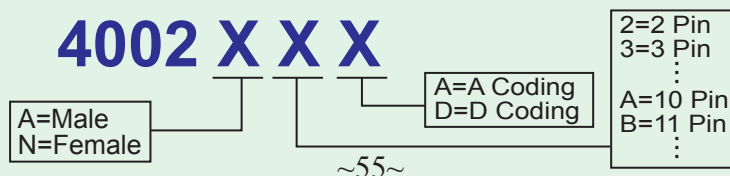
Panel Cut-out

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



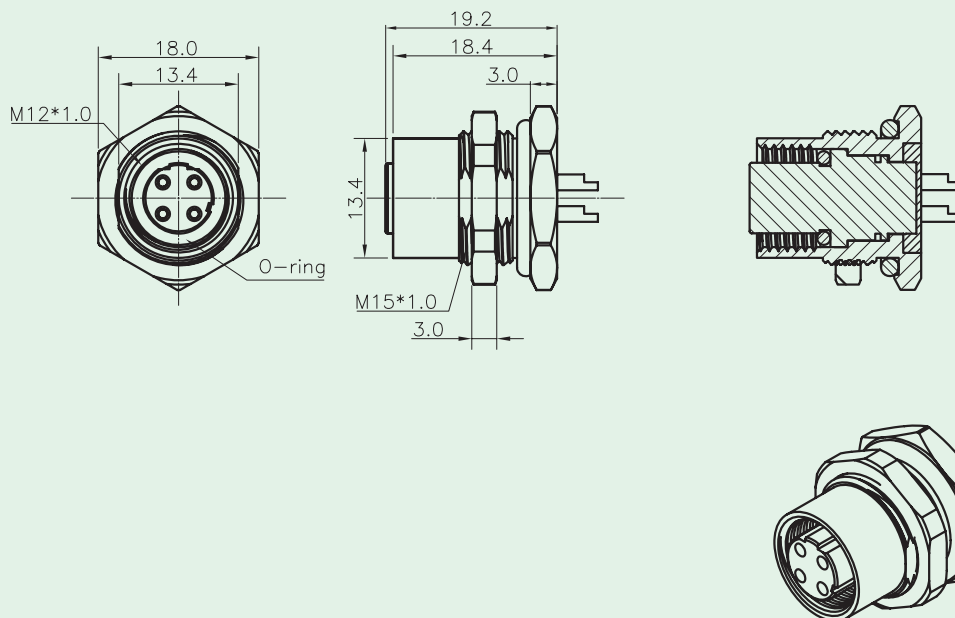
Ordering Information



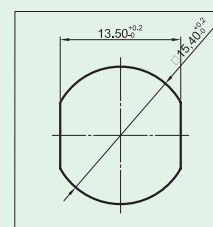


Waterproof M12 Female Front Mount Solder Wire D-Coding

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

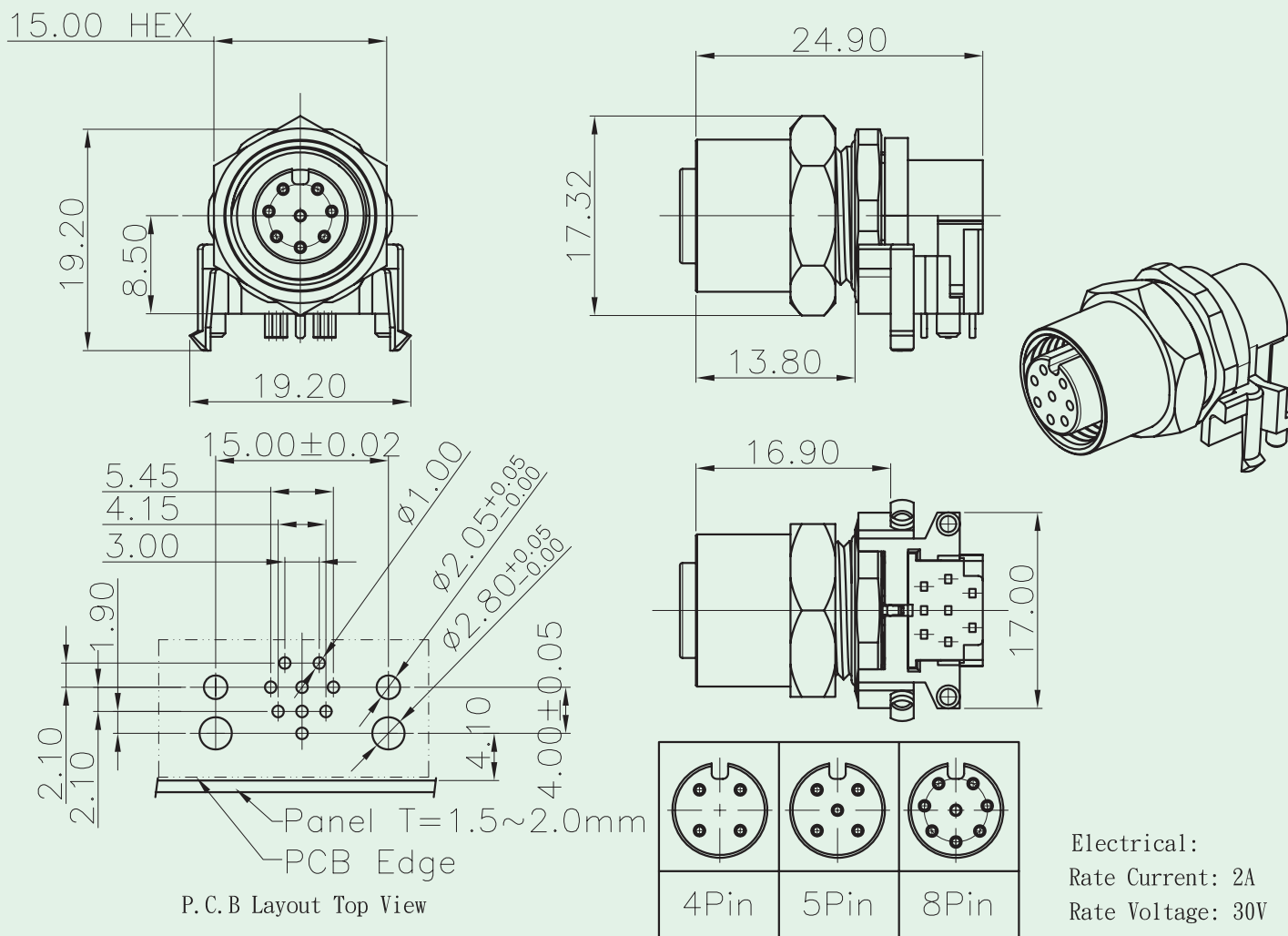
A=Male
N=Female

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~

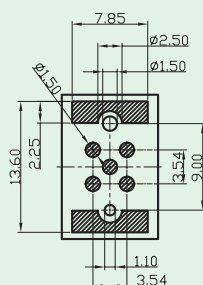
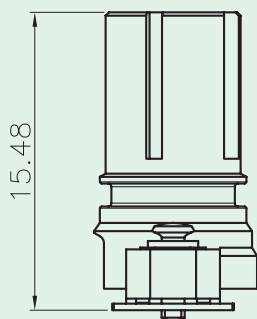
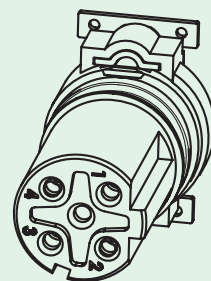
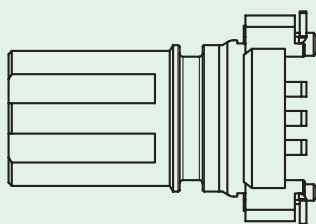
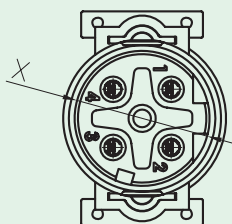
Gold Plating Options	
Gold Flash = 0	30u" = 3
6u" = 1	50u" = 4
15u" = 2	50u" = 4



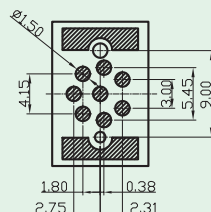
M12 Circular Connector (Female/SMT)

KINSUN

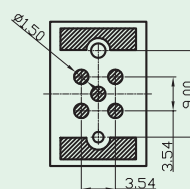
Coded	A-Coded		B-Coded	D-Coded
	X:Ø8.3		X:Ø8.3	X:Ø8.2
Pin assignment (front view)				
	4~5-pos.	6~8-pos.	4-pos.	4-pos.
Rated voltage	4P:250V; 5P:60V	30V	60V	250V
Nominal current	4A	2A	4A	4A



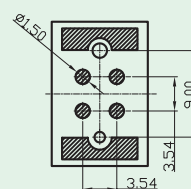
A-CODING



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** : $10^8 \Omega \text{ Min}$



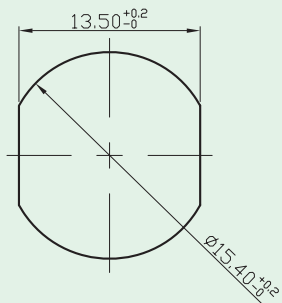
Ordering Information

M12 SMT Series

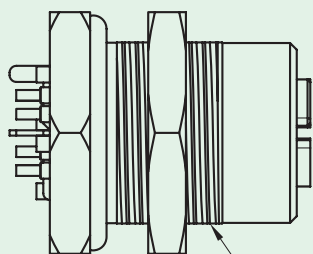


Waterproof Circular Connector (M12 X-Code 8P Female)

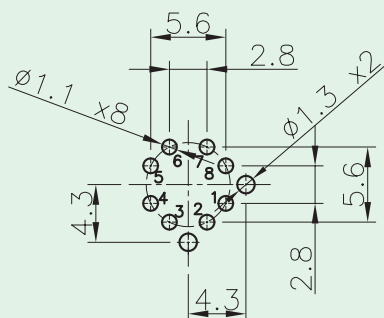
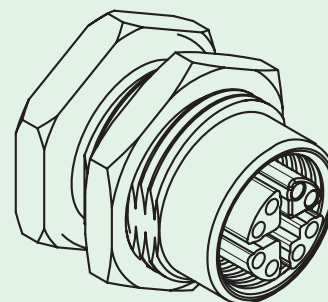
KINSUN



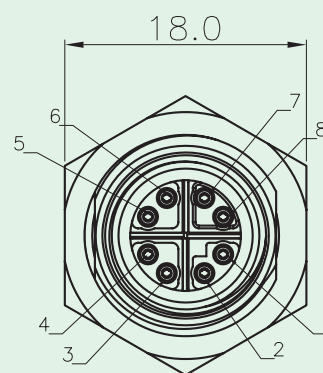
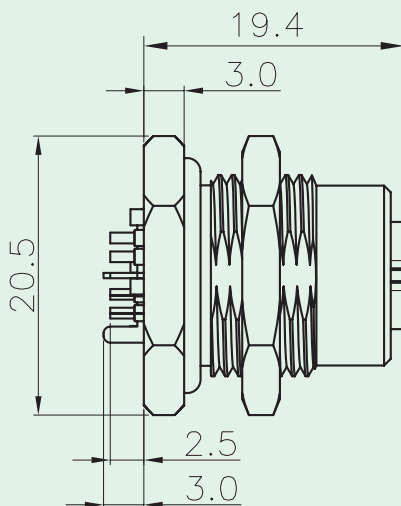
Panel Cut-out



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.



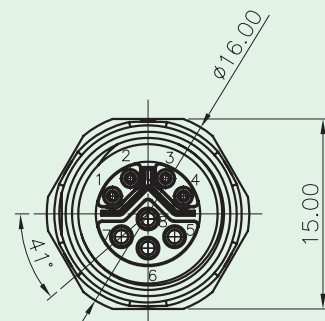
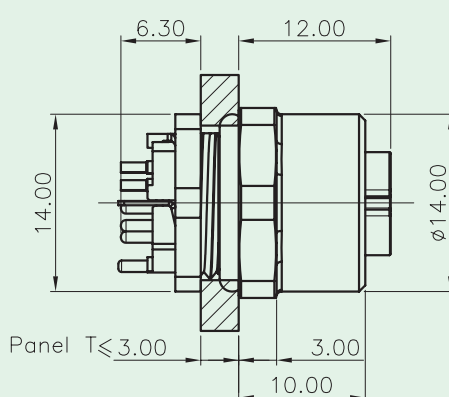
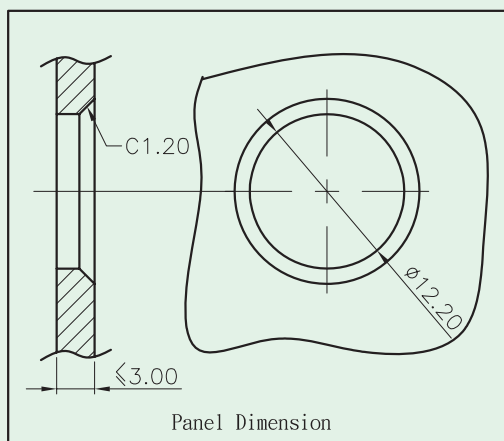
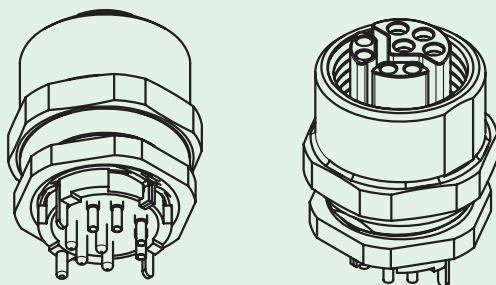
Ordering Information

4003N80400



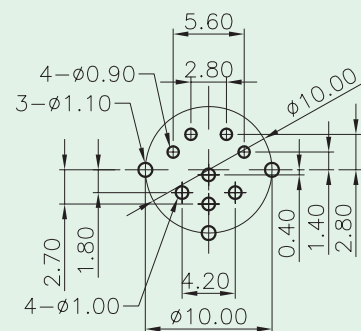
M12 Y-Code 8-Pos DIP Connect (Y-Hybrid Etherent CAT5/Power)

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.



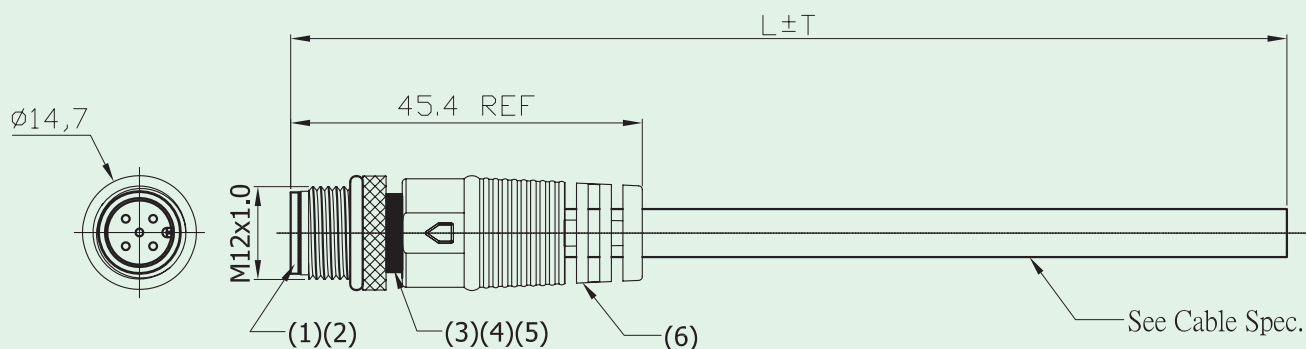
Ordering Information

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

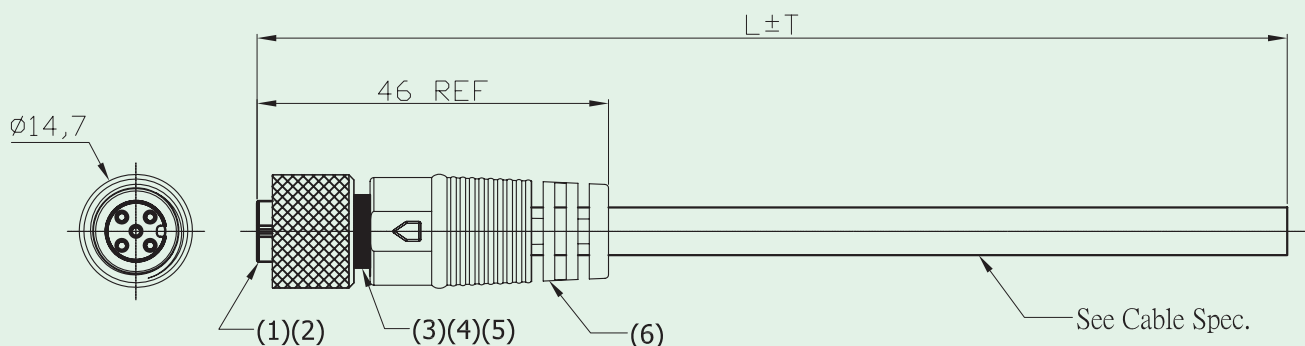
A=A Coding
D=D Coding

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

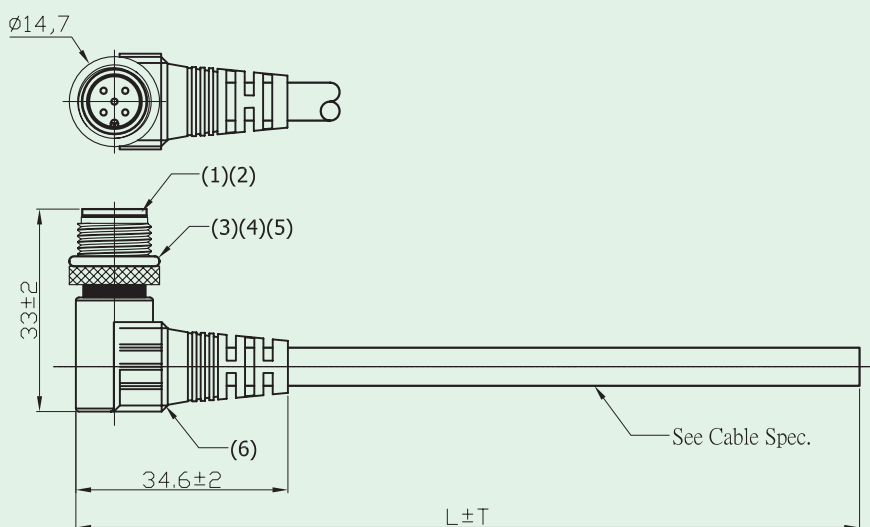
A=A Coding
D=D Coding

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

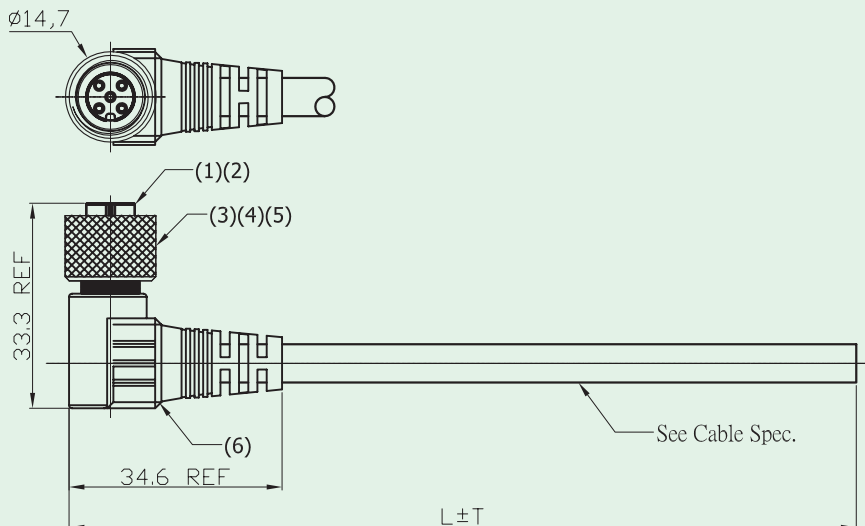
A=A Coding
D=D Coding

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

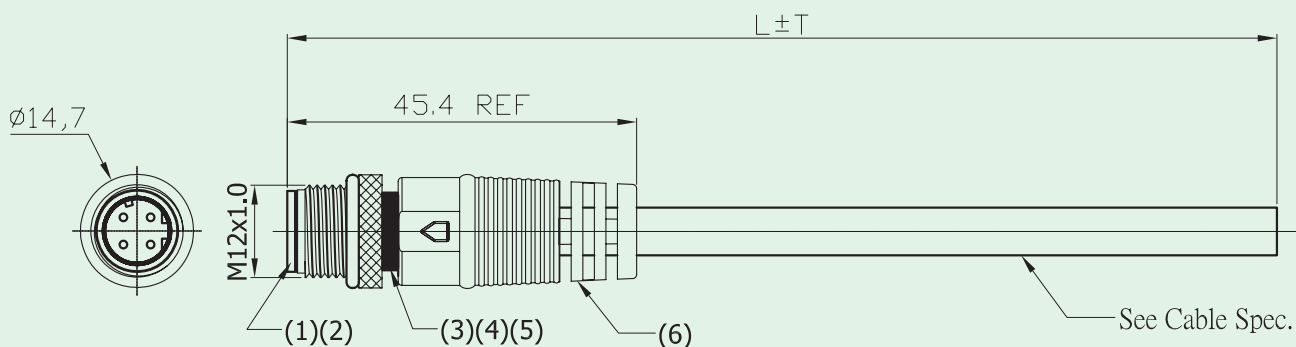
Wire Length

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

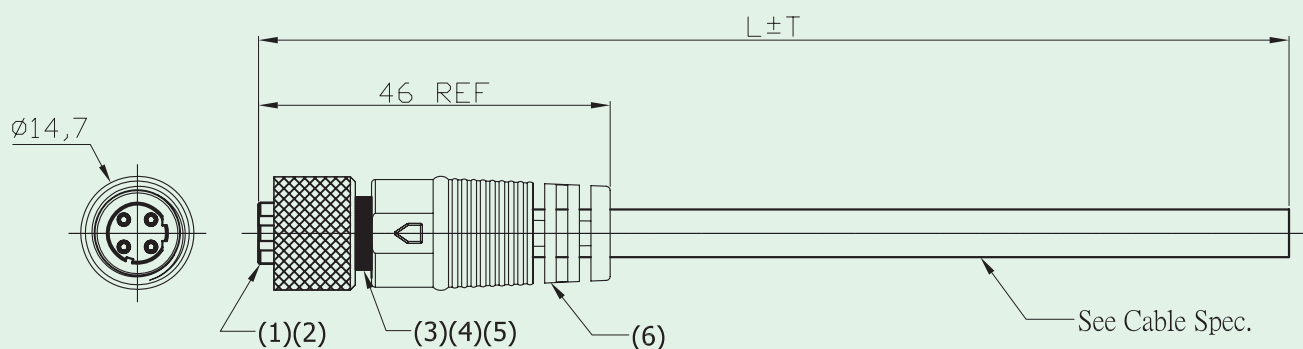
Wire Length

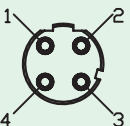
A=A Coding
D=D Coding

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

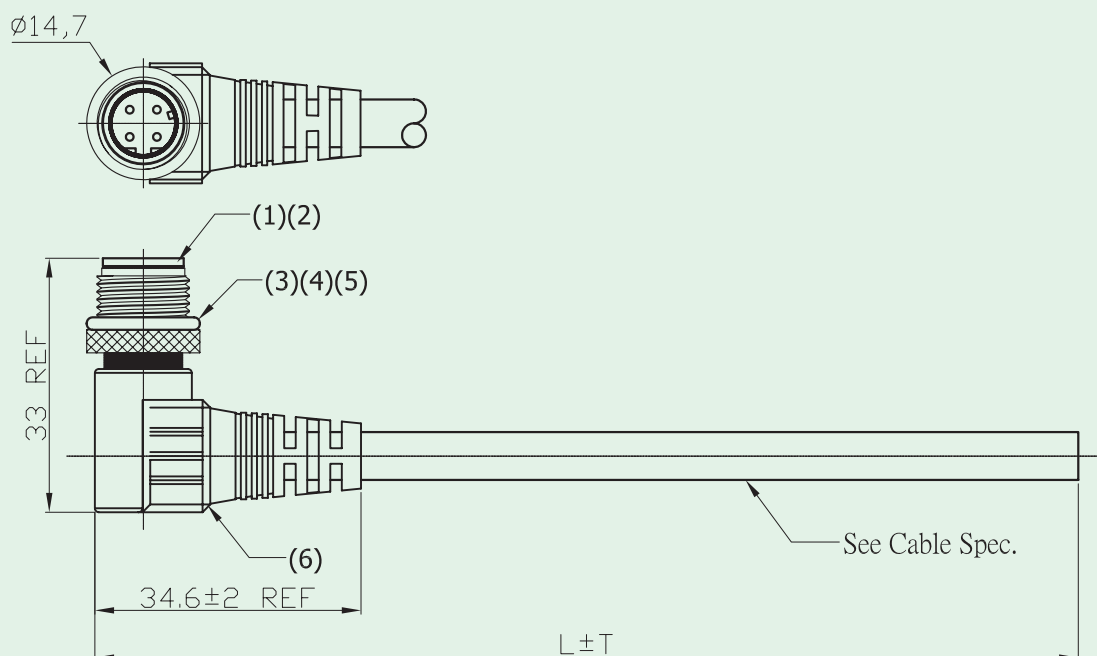
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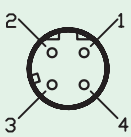
A=A Coding
D=D Coding

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



Waterproof M12 Male Right Angle With Cable 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

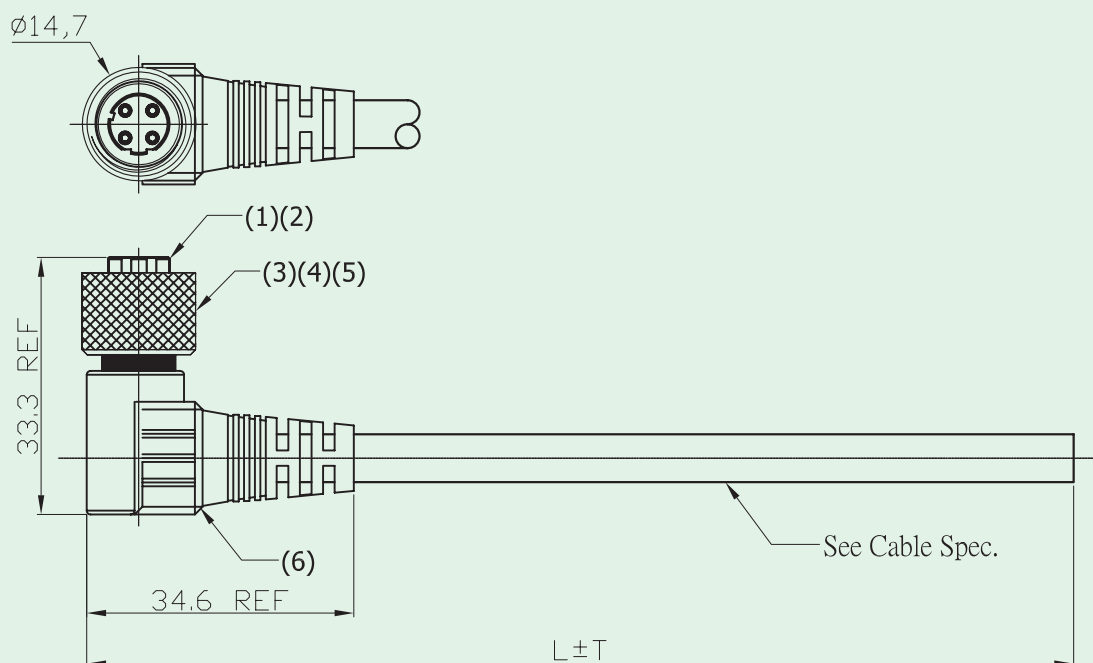
Wire Length

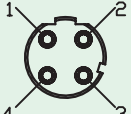
A=A Coding
D=D Coding

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

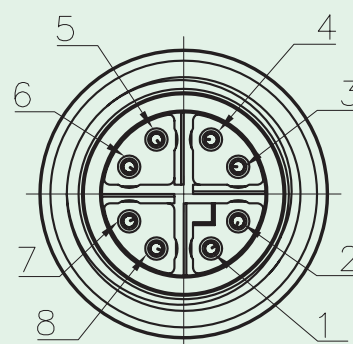
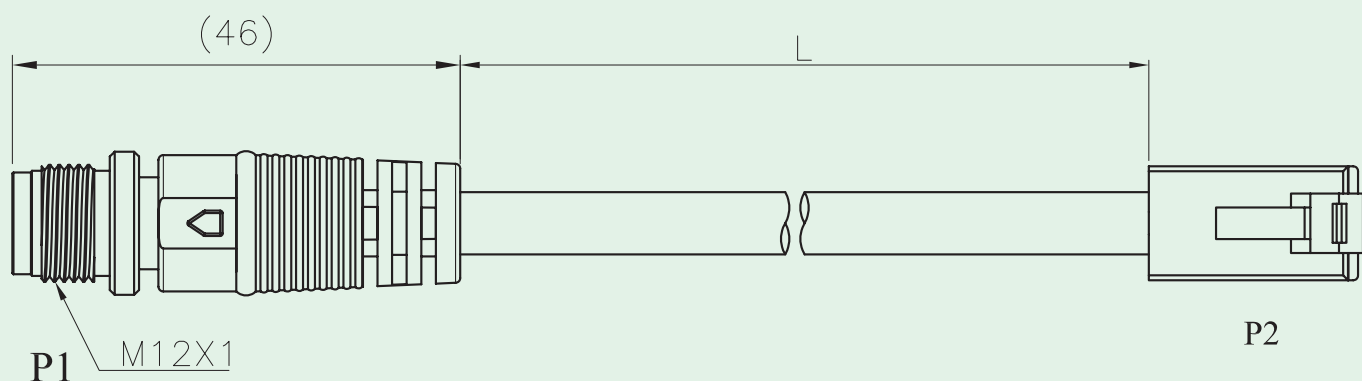
A=A Coding
D=D Coding

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



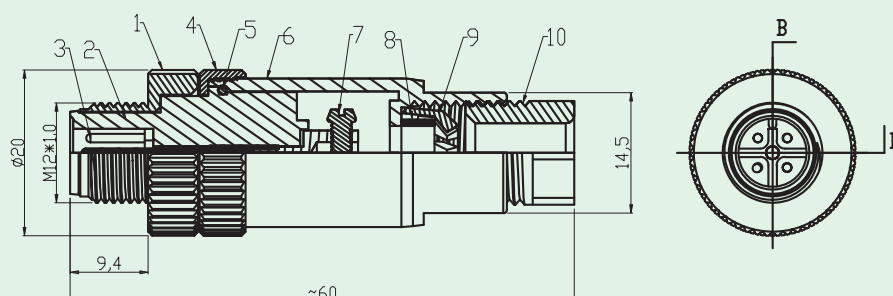
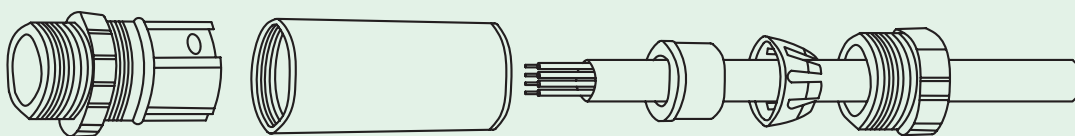
Ordering Information

4007A800B8-0100



Waterproof Circular Connectors (M12 Male Cable Assembly)

KINSUN



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



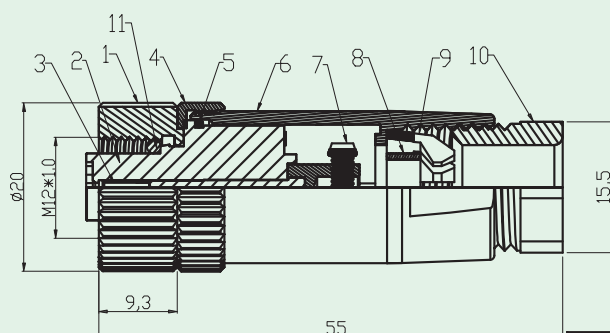
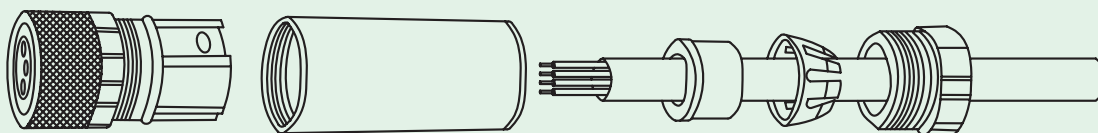
Ordering Information

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



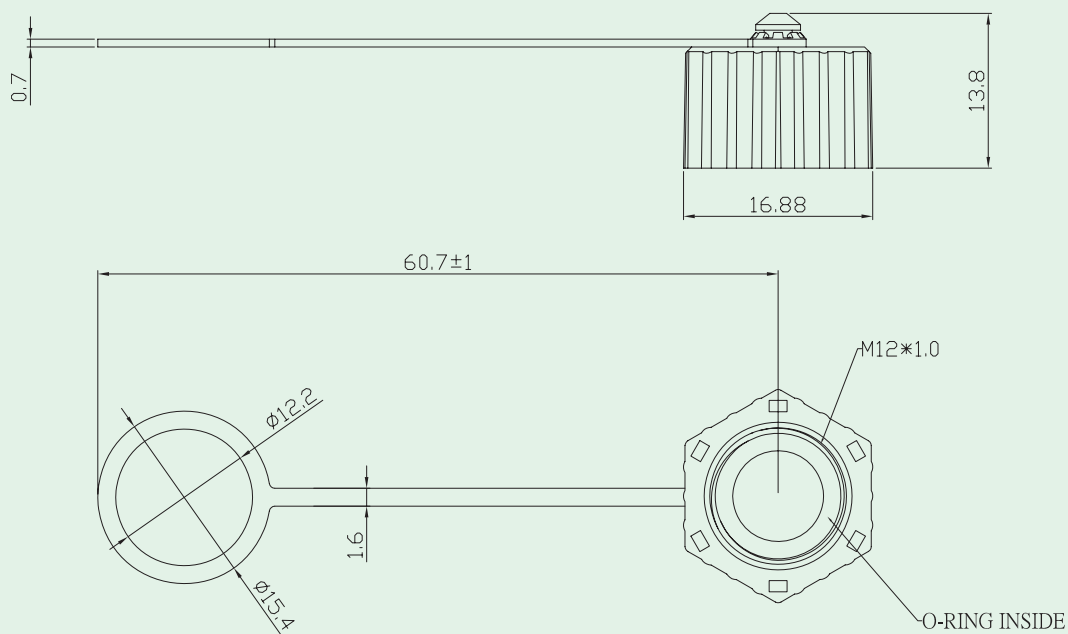
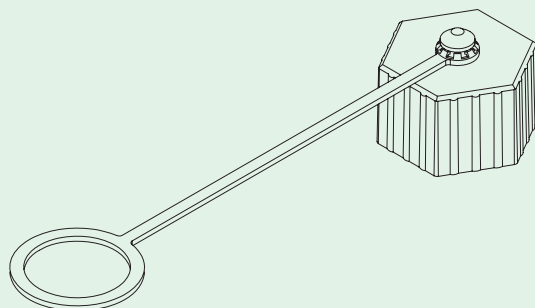
Ordering Information

4006 Series



Waterproof M12 Cap

KINSUN



Materials

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



Ordering Information

4001A-05 M12 Male Cap