



ITS 3106 F and ITS 4106 F

Straight Cylindrical Plug Assembly

with Class A IT3057 Cable Clamp and Polychloroprene Bushing

Elastomer
Option
(See Table III)

Grounding Fingers
(Omit for Standard)

Contact Type
31 - Solder
41 - Crimp

Connector/Backshell Class
F - Environmental; Supplied
with Backshell, Grommet,
Cable Clamp and
Polychloroprene Bushing

Alternate Insert Rotation
(W, X, Y, Z)
Omit for Normal
(See Section A)

XX**ITS****G****31****06****F****20-27****P****Y****XXX**

Reverse Bayonet Coupling
ITS - Aluminum Shell with Stainless
Steel Studs
ITB - Marine Bronze or Stainless Steel
Shell without Stainless Steel Studs

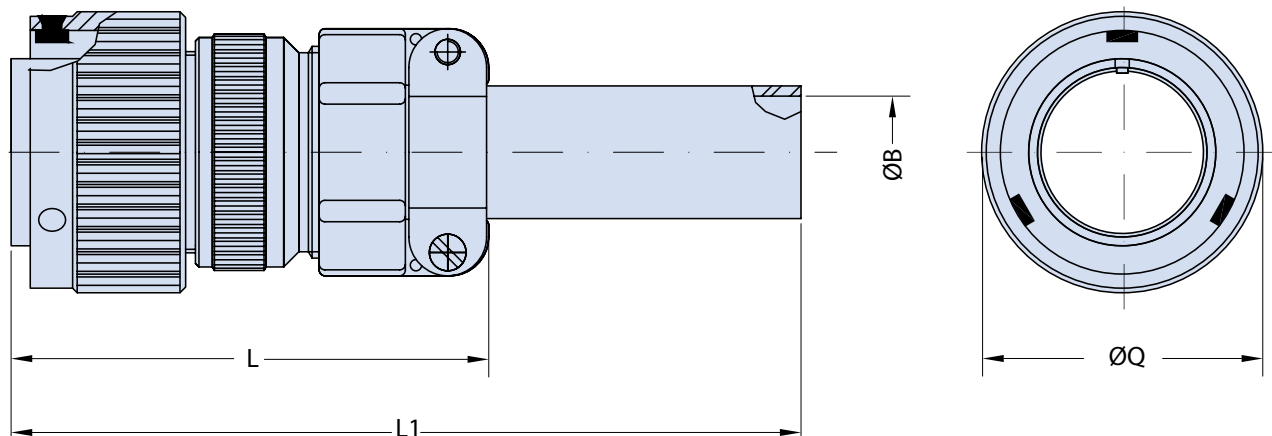
For further details, see diagram
on page A-38

06 - Straight Plug

Shell Size and Insert
Arrangement
(See Section A)

Contact Gender
P - Pin
S - Socket

Mod Code
Option
(See Table II)



Application Notes

1. Straight plug with an insulating grommet, environmental backshell, class A IT3057 cable clamp for individual wires and polychloroprene bushing.
2. Connector/Backshell Class "F" (environmental)—Supplied with wire sealing grommet.
3. Standard materials configuration consists of aluminum alloy. For platings, see TABLE II finish options.
4. Standard contact material consists of copper alloy with silver plating or gold plating.

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TABLE I: DIMENSIONS

Shell Size	ØB ±0.1	L Max.	L1 Max.	ØQ ±0.2
10 SL	5.58	56.0	113.5	22.6
14 S	7.92	60.0	113.5	29.0
16 S	11.09	61.5	113.5	31.6
16	11.09	72.5	121.0	31.6
18	14.27	73.0	121.0	36.2
20	15.87	73.5	121.0	39.8
22	15.87	73.5	121.0	43.0
24	19.05	77.5	121.0	46.4
28	19.05	83.0	121.0	53.0
32	23.79	88.0	122.5	60.0
36	31.75	94.5	124.5	66.2
40	34.92	108.5	124.5	72.3

TABLE II: MODIFICATION CODES

CONTACT OPTIONS		
Sym	Description	
B0	Connector without Contacts**	
B1	Connector with Gold Plated Contacts	
Omit for standard version (Silver plated)		
STANDARD MATERIAL AND FINISH (*)		
Sym	Description	RoHS
	Omit for Aluminum/ Cadmium Olive Drab	
F6	Aluminum/ Black Electrodeposited Paint	✓
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓

TABLE III

ELASTOMER OPTIONS	
Sym	Description
	Omit for Polychloroprene Elastomer
FR	Fire Resistant Elastomer
S	Silicone Elastomer

(*) For further options, please contact the factory.

(**) Crimp Contacts Only