

### Application Notes

1. Straight plug assembly with a PHM cable clamp.
2. Connector/Backshell Class "A" (non-environmental)—No grommet supplied.  
Connector/Backshell Class "R" (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.

ITS 3106 A PHM and ITS 3106 R PHM  
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Straight Cylindrical Plug Assembly  
with Environmental PHM Cable Clamp

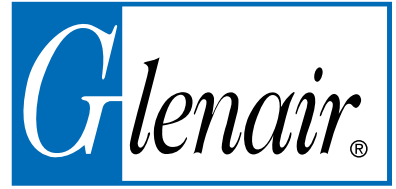


TABLE I: DIMENSIONS

Shell Size	PHM Size	ØB Min. - Max.	L Max.	ØQ ±0.2
10 SL	9	2-9	64.0	22.6
14 S	11	2-11	66.5	29.0
16 S	11	2-11	66.5	31.6
16	11	2-11	77.5	31.6
18	11 / 18	2-11 / 2-16.5	78.0	36.2
20	11 / 18	2-11 / 2-16.5	78.5	39.8
22	18	2-16.5	78.5	43.0
24	18 / 22 / 24	2-16.5 / 15-20 / 19-24	83.5	46.4
28	18 / 22 / 24	2-16.5 / 15-20 / 19-24	89.0	53.0
32	22 / 24	15-20 / 19-24	94.5	60.0
36	35	23-35	106.0	66.2
40	35	23-35	106.0	72.3

TABLE II: MODIFICATION CODES

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	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

TABLE III

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

TABLE IV: MODIFICATION CODES

CONTACT OPTIONS	
Sym	Description
B0	Connector without Contacts**
B1	Connector with Gold Plated Contacts
<b>Omit for standard version (Silver plated)</b>	

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

(\*\*) Crimp Contacts Only