



Application Notes

1. Straight cylindrical plug assembly with backshell for attachment of BAND-IT.
2. Connector/Backshell Class "A" (non-environmental)—Not supplied with wire sealing grommet; Class "R" (environmental)—Supplied with grommet.
3. Standard materials configuration consists of aluminum alloy. For platings, see TABLE IV finish options.
4. Standard contact material consists of copper alloy with silver plating or gold plating.

ITS 3106 A ZL and ITS 3106 R ZL
ITS 4106 A ZL and ITS 4106 R ZL
Straight Cylindrical Plug Assembly
with BAND-IT Backshell



TABLE I: DIMENSIONS

Size	L Max.	ØQ ±0.2	J Key	Entry Size ^a
10 SL	69.5	22.6	20	01÷06
14 S	70.0	29.0	23	03÷08
16 S	70.0	31.6	26	05÷10
16	79.0	31.6	26	05÷10
18	83.5	36.2	28	07÷12
20	94.0	39.8	32	09÷14
22	99.0	43.0	36	11÷16
24	101.0	46.4	39	12÷17
28	106.0	53.0	46	13÷19
32	112.5	60.0	52	17÷22
36	112.5	66.2	58	19÷23
40	117.5	72.3	65	21÷24

(a) For further entry size, please contact the factory.

TABLE II: ENTRY SIZE TABLE

Entry size	ØB	ØC	ØD
01	3.2	6.4	7.9
02	4.8	7.9	9.5
03	6.4	9.5	11.1
04	7.9	11.1	12.7
05	9.5	12.7	14.3
06	11.1	14.3	15.8
07	12.7	15.9	17.4
08	14.3	17.5	19.1
09	15.9	19.1	20.6
10	17.5	20.6	22.2
11	19.1	22.2	23.8
12	20.6	23.8	25.4
13	22.2	25.4	27.0
14	23.8	27.0	28.5
15	25.4	28.6	30.1
16	27.0	30.2	31.8
17	28.6	31.8	33.3
18	31.8	34.9	36.5
19	34.9	38.1	39.7
20	38.1	41.3	42.8
21	41.3	44.5	46.0
22	44.5	47.6	49.2
23	47.6	50.8	52.4
24	50.8	54.0	55.5

TABLE III: MODIFICATION CODES

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

TABLE IV: MODIFICATION CODES

STANDARD MATERIAL AND FINISH (*)		
Sym	Description	RoHS
	Omit for Aluminum/ Cadmium Olive Drab	
F7	Aluminum/ Black Zinc Nickel	✓
F11	Aluminum/ Electroless Nickel	✓
MB	Marine Bronze/ Unplated	✓
FK	Stainless Steel/ Passivate	✓

TABLE V

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