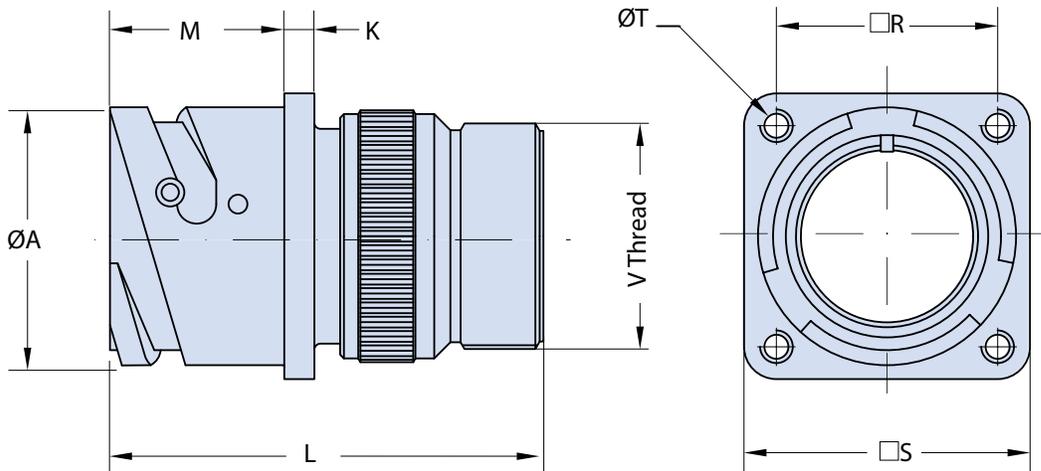
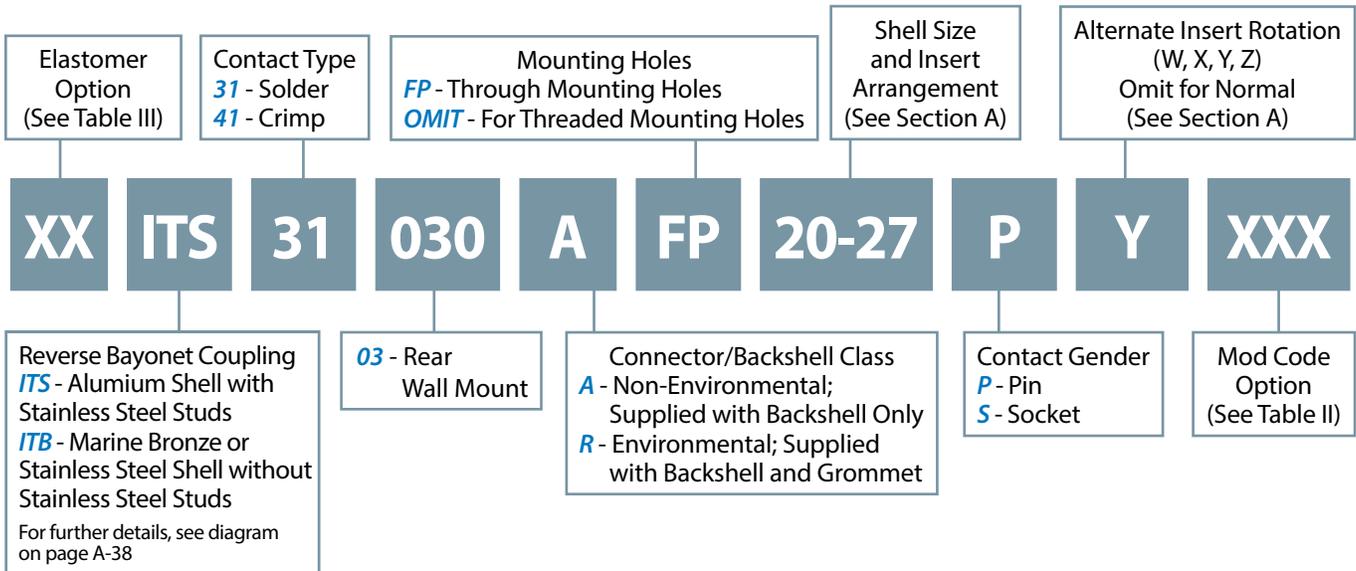


ITS 31030 A and ITS 31030 R
ITS 41030 A and ITS 41030 R
Rear Panel Mount Square Flange Receptacle Assembly
with Backshell for the Attachment of Additional Accessories



Application Notes

1. Rear panel mount square flange receptacle assembly with backshell for the attachment of strain relieving cable clamps or other accessories. Threaded mounting holes. Optional non-threaded through mounting holes available.
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 II finish options.
4. Standard contact material consists of copper alloy with silver plating or gold plating.
5. A broad range of other front and rear connector accessories are available. See our website and/or contact the factory for complete information.
6. Order cable clamps separately.

**ITS 31030 A and ITS 31030 R
ITS 41030 A and ITS 41030 R
Rear Panel Mount Square Flange Receptacle Assembly
with Backshell for the Attachment of Additional Accessories**



TABLE I: DIMENSIONS

Shell Size	ØA +0.2 -0.1	K ±0.2	L Max.	M +0.2 -0	R ±0.2	S ±0.2	T Thread	V Thread
10 SL	18.2	2.8	49.5	18.4	18.25	25.4	M4	0.6250 - 24UNEF
14 S	24.5	3.2	52.0	18.4	23.00	30.4	M4	0.7500 - 20UNEF
16 S	27.2	3.2	52.0	18.4	24.60	32.5	M4	0.8750 - 20UNEF
16	27.2	3.2	60.5	23.2	24.60	32.5	M4	0.8750 - 20UNEF
18	30.7	4.0	60.5	23.2	27.00	35.0	M4	1.0000 - 20UNEF
20	34.0	4.0	62.5	23.2	29.40	38.0	M4	1.1875 - 18UNEF
22	37.3	4.0	62.5	23.2	31.75	41.0	M4	1.1875 - 18UNEF
24	40.9	4.0	62.5	23.2	34.90	44.5	M4	1.4375 - 18UNEF
28	46.7	4.0	70.0	24.2	39.70	50.9	M5	1.4375 - 18UNEF
32	53.4	4.0	71.5	24.2	44.50	57.0	M5	1.7500 - 18UNS
36	59.6	4.0	79.0	24.2	49.20	63.5	M5	2.0000 - 18UNS
40	65.5	4.0	79.0	24.2	55.55	69.9	M5	2.2500 - 16UN

B

For through mounting holes refer to page B-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	✓
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

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

(**) Crimp Contacts Only