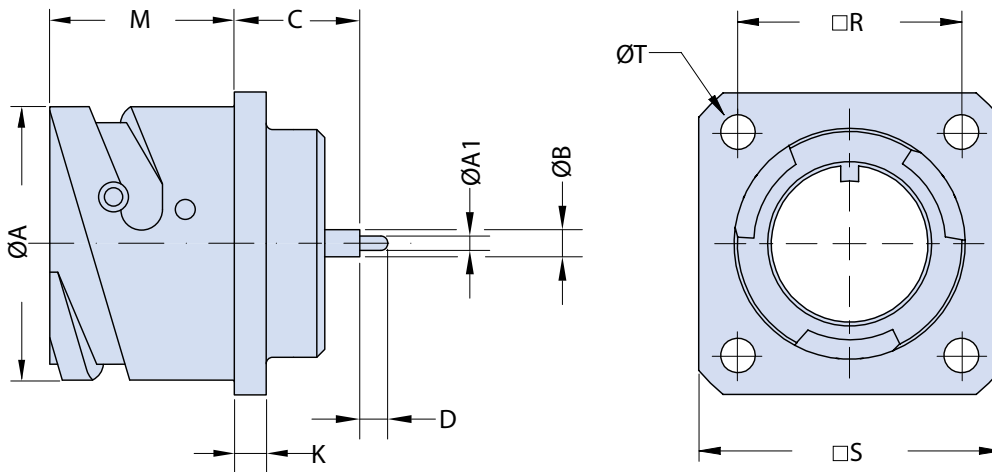
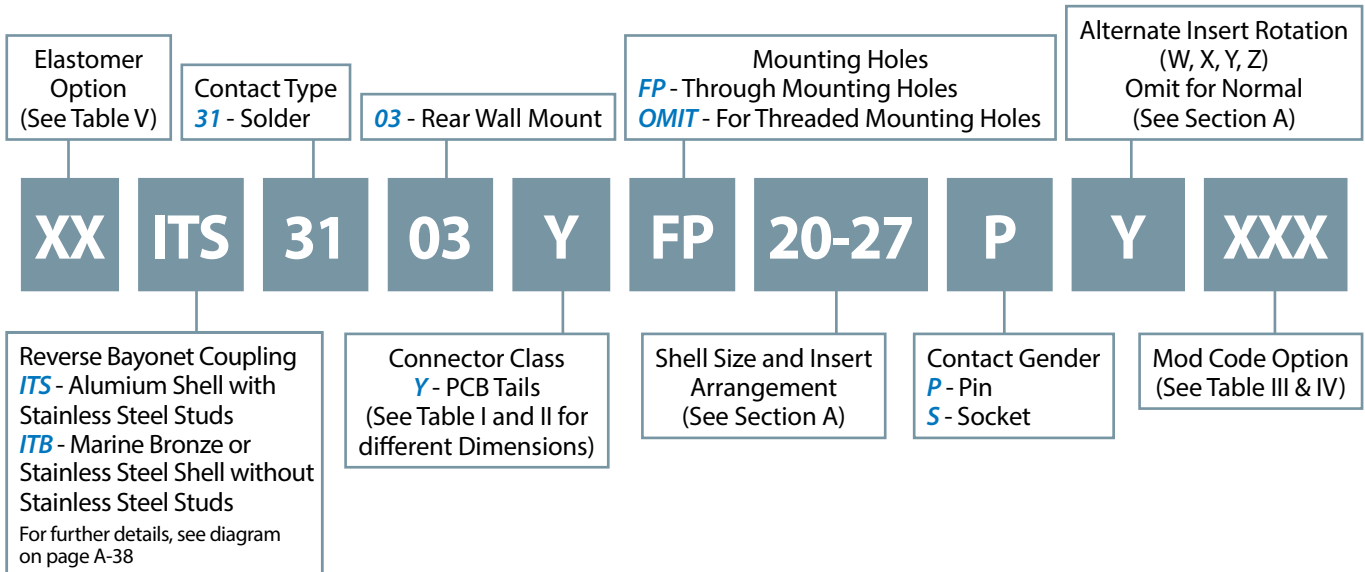


ITS 3103 Y

Rear Panel Mount Square Flange Receptacle with PCB Contacts No Accessory Threads



Application Notes

1. Rear panel mount square flange receptacle with PCB contacts—no accessory threads. Threaded mounting holes standard. Optional non-threaded through mounting holes available. Contact factory for custom tail lengths.
2. Standard materials configuration consists of aluminum alloy. For platings, see TABLE III finish options.
3. Standard contact material consists of copper alloy with silver plating or gold plating.
4. A broad range of other front and rear connector accessories are available. See our website and/or contact the factory for complete information.

ITS 3103 Y
Rear Panel Mount Square Flange Receptacle
with PCB Contacts
No Accessory Threads

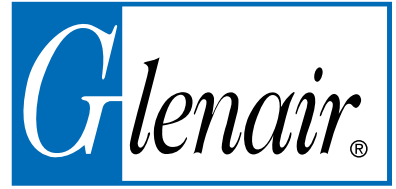


TABLE I: Y SIZE 16 AND 12 CONTACTS

Shell Size	Y#12				Y#16			
	A1	B	C ±0.4	D	A1	B	C ±0.4	D
10 SL	—	—	—	—	—	—	—	—
14 S	—	—	—	—	—	—	—	—
16 S	—	—	—	—	—	—	—	—
16	1.8	3.4	17.05	3.5	0.8	1.8	17.05	3.5
18	1.8	3.4	16.85	3.5	0.8	1.8	16.85	3.5
20	1.8	3.4	16.95	3.5	0.8	1.8	16.95	3.5
22	1.8	3.4	16.95	3.5	0.8	1.8	16.95	3.5
24	1.8	3.4	17.15	3.5	0.8	1.8	16.95	3.5
28	1.8	3.4	15.65	3.5	0.8	1.8	15.65	3.5
32	1.8	3.4	15.85	3.5	0.8	1.8	15.85	3.5
36	1.8	3.4	15.95	3.5	0.8	1.8	15.95	3.5
40	1.8	3.4	15.65	3.5	0.8	1.8	15.65	3.5

TABLE II: Y OTHER CONTACTS - SIZE 16 ONLY

Shell Size	DS1				YL5				YL7			
	A1	B	C ±0.4	D	A1	B	C ±0.4	D	A1	B	C ±0.4	D
10 SL	0.75	1.8	12.35	3.6	—	—	—	—	—	—	—	—
14 S	0.75	1.8	11.65	3.6	—	—	—	—	—	—	—	—
16 S	0.75	1.8	11.55	3.6	—	—	—	—	—	—	—	—
16	0.75	1.8	13.80	3.6	0.8	1.8	17.05	5.0	0.8	1.8	13.35	7.0
18	0.75	1.8	13.60	3.6	0.8	1.8	16.85	5.0	0.8	1.8	13.35	7.0
20	0.75	1.8	13.70	3.6	0.8	1.8	16.95	5.0	0.8	1.8	13.35	7.0
22	0.75	1.8	13.70	3.6	0.8	1.8	16.95	5.0	0.8	1.8	13.35	7.0
24	0.75	1.8	13.70	3.6	0.8	1.8	16.95	5.0	0.8	1.8	13.35	7.0
28	0.75	1.8	12.40	3.6	0.8	1.8	15.65	5.0	0.8	1.8	12.25	7.0
32	—	—	—	—	0.8	1.8	15.85	5.0	—	—	—	—
36	—	—	—	—	0.8	1.8	15.95	5.0	—	—	—	—
40	—	—	—	—	0.8	1.8	15.65	5.0	—	—	—	—

For missing dimensions refer to page B-67.

TABLE III: FINISH OPTIONS

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	✓

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

TABLE IV: MODIFICATION CODES

CONTACT OPTIONS	
Sym	Description
B1	Connector with Gold Plated Contacts
Omit for standard version (Silver plated)	

TABLE V

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