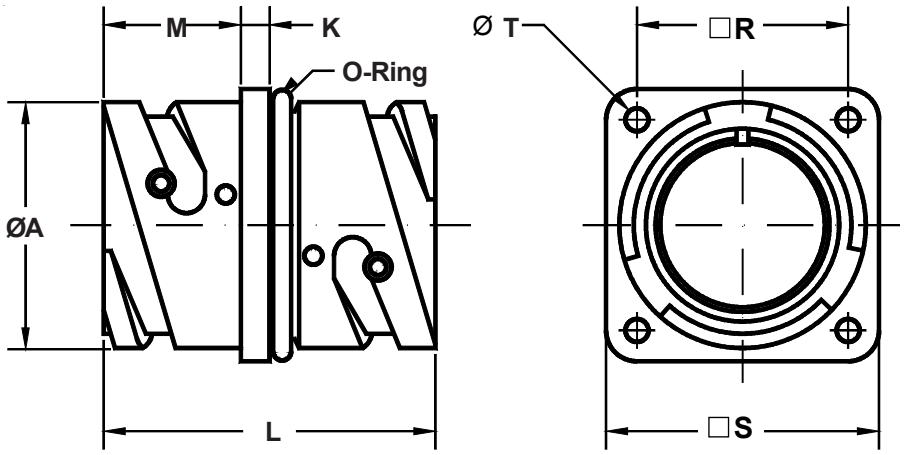
ITS 02 PP
Through Bulkhead Square Flange Receptacle
Front Mount with “O”-Ring Seal

ITS 02 PP 20-27 P/S Y XXX

- ITS — Reverse Bayonet Coupling
- 02 - Box Mount
- PP - Thru-Bulkhead
- 20-27 — Shell Size and Insert Arrangement (See Section A)
- P/S — Solid Contact Gender P/S - Pin/Socket
- Y — Alternate Insert Rotation (W, X, Y, Z) Omit for Normal (See Section A)
- XXX — Mod Code Option (See Table II)



Application Notes:

1. Through Bulkhead Receptacle. Front mount square flange version. Connector features an o-ring mounting seal. Contacts are solid feedthrough style in a pin/socket configuartion.
2. Threaded mounting holes.
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. Standard insert material is synthetic rubber. Add “FR” prefix to front of part number to specify fire resistant inserts.

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TABLE I: DIMENSIONS

Shell Size	ØA +0 -0.1	K ±0.2	L ±0.3	M +0.2 -0	R ±0.1	S +0.2	T Thread
10 SL	18.2	2.8	37.5	14.3	18.25	25.4	M4
14 S	24.5	3.3	37.5	14.5	23.00	30.4	M4
16 S	27.2	3.3	37.5	14.5	24.60	32.5	M4
16	27.2	3.3	50.6	19.1	24.60	32.5	M4
18	30.7	4.0	51.4	19.1	27.00	35.0	M4
20	34.0	4.0	51.4	19.1	29.40	38.0	M4
22	37.3	4.0	51.4	19.6	31.75	41.0	M4
24	40.9	4.0	51.4	20.6	34.90	44.5	M4
28	46.7	4.0	51.4	20.7	39.70	50.9	M5
32	53.4	4.0	51.4	22.3	44.45	57.0	M5
36	59.6	4.0	51.4	22.3	49.20	63.5	M5
40	65.5	4.0	51.4	22.3	55.55	69.9	M5

TABLE II: MODIFICATION CODES

CONTACT OPTIONS	
Sym	**Description**
B0	Connector Less Contacts
B1	Connector with Gold Plated Contacts
Omit for standard version (Silver plated)	
FINISH OPTIONS	
Sym	**Description and RoHS compliant (*)**
F2	Bright Nickel Plating (*)
F6	Black Electrodeposited Paint (*)
F7	Black Zn-Co Plating (*)
F8	Olive Drab Zn-Co Plating
F11	Electroless Nickel (*)
	Omit for standard version (Cadmium Olive Drab Finish)

B

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