



Application Notes:

1. Rear panel mount square flange receptacle—no accessory threads. Threaded mounting holes standard. Optional non-threaded through mounting holes.
2. Connector Class "A" (general duty).
Connector Class "R" (environmental). Sealed insulator.
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. Standard insert material is synthetic rubber.
Add "FR" prefix to front of part number to specify fire resistant inserts.

**ITS 3103 (A), ITS 3103 (R),
ITS 4103 (A), and ITS 4103 (R)
Rear Panel Mount Square Flange Receptacle
No Accessory Threads**



TABLE I: DIMENSIONS

Shell Size	ØA +0 -0.1	ØC Max.	K ±0.2	L Max.	M +0.2 -0	R ±0.1	S +0.2	T Thread
10 SL	18.2	16.2	2.8	24.7	18.5	18.25	25.4	M4
14 S	24.5	19.2	3.3	24.7	18.5	23.00	30.4	M4
16 S	27.2	22.4	3.3	24.7	18.5	24.60	32.5	M4
16	27.2	22.4	3.3	33.8	23.2	24.60	32.5	M4
18	30.7	25.6	4.0	34.2	23.2	27.00	35.0	M4
20	34.0	29.0	4.0	34.5	23.2	29.40	38.0	M4
22	37.3	32.2	4.0	33.8	23.2	31.75	41.0	M4
24	40.9	35.3	4.0	34.5	23.2	34.90	44.5	M4
28	46.7	41.4	4.0	34.5	24.4	39.70	50.9	M5
32	53.4	47.8	4.0	33.8	24.2	44.45	57.0	M5
36	59.6	54.1	4.0	33.8	24.2	49.20	63.5	M5
40	65.5	59.0	4.0	33.8	24.4	55.55	69.9	M5

B

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)	