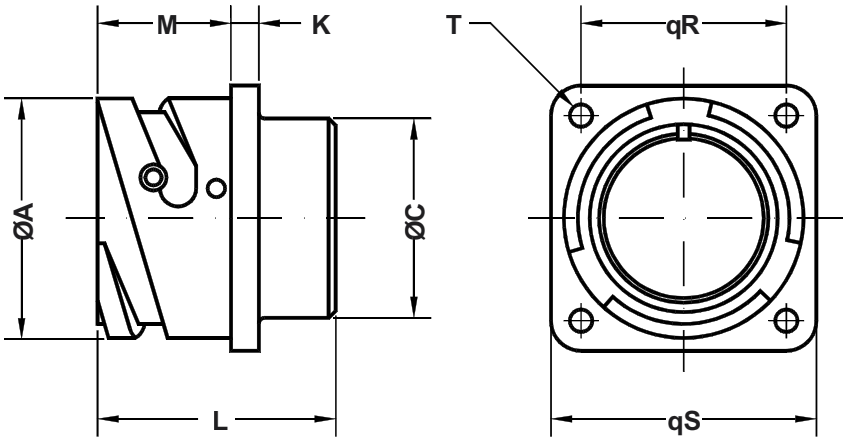
ITS 3102 (A), ITS 3102 (E), ITS 3102 (R), ITS 4102 (A) and ITS 4102 (R)

Front Panel Mount Square Flange Receptacle
No Accessory Threads

ITS 31 02 A FK 20-27 P Y XXX

- Bayonet Coupling
- Contact Type
  - 31 - Solder
  - 41 - Crimp
- 02 - Front Mount Box Receptacle
- Connector Class
  - A - General Duty
  - E, R - Sealed Insulators; Environmental when Used with Cable Sealing Backshell
- Material Option (Omit for Aluminum)
  - FK - Stainless Steel Passivate
  - MB - Marine Bronze
- Shell Size and Insert Arrangement (See Intro 6-25)
- Contact Gender
  - P - Pin
  - S - Socket
- Alternate Insert Rotation (W, X, Y, Z) Omit for Normal (See Intro 20-21)
- Mod Code Option (See Table II)



Application Notes:

1. Front panel mount square flange receptacle—No Accessory threads. Through mounting holes.
2. Connector Class “A” (General Duty). Class “E” and “R” (environmental)—when used with wire-sealing grommet.
3. Standard materials configuration consists of aluminum alloy with cadmium olive drab finish.
4. Standard contact material consists of copper alloy with silver plating (Gold plating available, see mod codes).
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	ØC Max.	K ±0.2	L Max.	M +0.2 -0	R ±0.1	S +0.2	ØT +0.1 -0
10 SL	18.2	16.2	2.8	24.7	14.3	18.25	25.4	3.2
14 S	24.5	19.2	3.3	24.7	14.5	23.00	30.4	3.2
16 S	27.2	22.4	3.3	24.7	14.5	24.60	32.5	3.2
16	27.2	22.4	3.3	33.8	19.1	24.60	32.5	3.2
18	30.7	25.6	4.0	34.5	19.1	27.00	35.0	3.2
20	34.0	29.0	4.0	34.5	19.1	29.40	38.0	3.2
22	37.3	32.2	4.0	34.5	19.6	31.75	41.0	3.2
24	40.9	35.3	4.0	35.7	20.6	34.90	44.5	3.7
28	46.7	41.4	4.0	35.7	20.7	39.70	50.9	3.7
32	53.4	47.8	4.0	37.3	22.3	44.45	57.0	4.3
36	59.6	54.1	4.0	37.3	22.3	49.20	63.5	4.3
40	65.5	59.0	4.0	37.3	22.3	55.55	69.9	4.3

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**
F2	Bright Nickel Plating
F6	Black Electrodeposited Paint
F7	Black Zn-Co Plating
F8	Olive Drab Zn-Co Plating
	Omit for Standard Version (Cad/Olive Drab Finish)

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