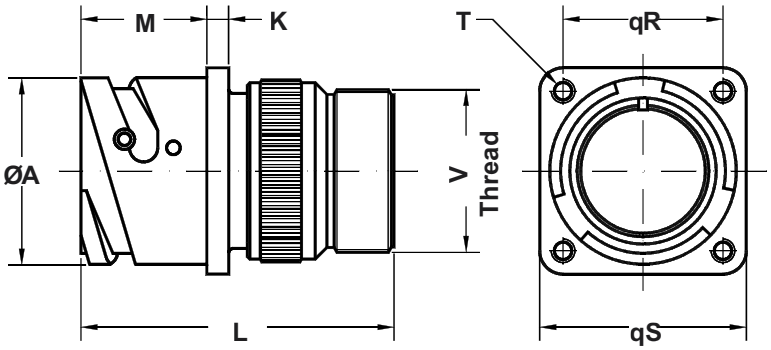
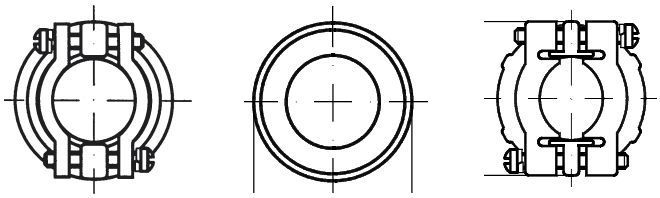
ITS 31030 (A) and ITS 41030 (R)
Rear Panel Mount Square Flange Receptacle Assembly with Backshell for the Attachment of Additional Accessories

ITS 31 030 A FK 20-27 P Y XXX

- Bayonet Coupling
- Contact Type
  - 31 - Solder
  - 41 - Crimp
- 030 - Rear Wall Mount
- Connector/Backshell Class
  - A - Non-Environmental; Supplied with Backshell Only
  - R - Environmental; Supplied with Backshell and Grommet
- 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)



Order Cable Clamps and Sleeves Separatly or Use Mod Codes (Table II) to Add Clamp to This Assembly.



IT 3057 C Cable Clamp | **IT 3420 Neoprene Sleeve** | **IT 3057 A Cable Clamp**

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.
2. Connector/Backshell Class “A” (non-environmental)—Not supplied with grommet; Class “R” (environmental)—Supplied 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	K ±0.2	L Max.	M +0.2 -0	R ±0.1	S +0.2	T Thread	V Thread
10 SL	18.2	2.8	49.0	18.5	18.25	25.4	M4	0.6250 - 24UNEF
14 S	24.5	3.3	51.5	18.5	23.00	30.4	M4	0.7500 - 20UNEF
16 S	27.2	3.3	51.5	18.5	24.60	32.5	M4	0.8750 - 20UNEF
16	27.2	3.3	63.0	23.2	24.60	32.5	M4	0.8750 - 20UNEF
18	30.7	4.0	63.0	23.2	27.00	35.0	M4	1.0000 - 20UNEF
20	34.0	4.0	63.0	23.2	29.40	38.0	M4	1.1875 - 18UNEF
22	37.3	4.0	63.0	23.2	31.75	41.0	M4	1.1875 - 18UNEF
24	40.9	4.0	64.5	23.2	34.90	44.5	M4	1.4375 - 18UNEF
28	46.7	4.0	71.0	24.4	39.70	50.9	M5	1.4375 - 18UNEF
32	53.4	4.0	76.5	24.2	44.45	57.0	M5	1.7500 - 18UNS
36	59.6	4.0	82.0	24.2	49.20	63.5	M5	2.0000 - 18UNS
40	65.5	4.0	82.0	24.4	55.55	69.9	M5	2.2500 - 16UN

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)	

ACCESSORY OPTIONS	
N0	Connector less backshell
N1	Connector with IT 3057 A cable clamp
N2	Connector with long backshell
N4	Connector with front O-Ring
N5	Connector with IT 3057 C cable clamp
N12	Connector with IT 3057 A cable clamp and IT 3420 neoprene sleeve
Omit for Standard Version	

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