

ITH 030 A and ITH 030 R

Rear Box Mount Receptacle with Accessory Backshell and a Selection of Cable Clamps

ITH 030 A 28-21 P Y XXX

ITH = Plastic Insert and Standard Contacts (See Notes #4, 6)

030 = Rear Mounting Receptacle with Threaded Holes

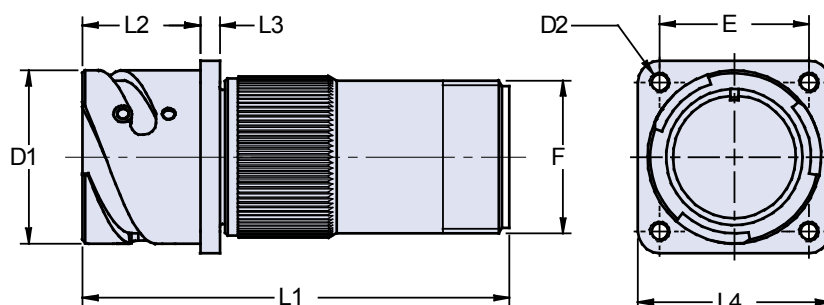
Environmental Class
A - Non-Environmental
R - Environmental

Mod Code Option (See Table II)

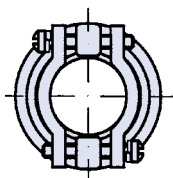
Alternate Insert Rotation (W, X, Y, Z)
Omit for Normal (See Page 6)

Contact Gender
P - Pin
S - Socket

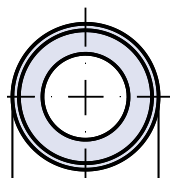
Shell Size and Insert Arrangement
(See Page 7)



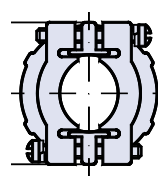
Order Cable Clamps and Sleeves Separately or Use Mod Codes (Table II) to Add Clamp to This Assembly.



IT 3057 C
Cable Clamp



IT 3420
Neoprene Sleeve



IT 3057 A
Cable Clamp

Application Notes:

- Box mount receptacle connector with square flange for rear panel mounting and backshell for use with cable clamps or BR backshells. Threaded mounting holes.
- Environmental class A (non-environmental) not supplied with grommet; Class R (environmental) supplied with grommet.
- Standard shell materials configuration consists of aluminum alloy with cadmium free conductive plating and black passivation.
- Standard contact material consists of copper alloy with gold plating.
- A broad range of other front and rear connector accessories are available. See our website and/or contact the factory for complete information.
- Standard insert material is Low fire hazard plastic
UL94V0, IAW Article 3, NFF16-102, 356833.



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TABLE I: DIMENSIONS

Shell Size	D1 +0 -0.15	D2 FF	E ±0.1	F thread	L1 Max.	L2 +0.4 -0	L3 ±0.2	L4 ±0.3
18	30.8	M4	27.0	1.0000 - 20UNEF	89.0	23.05	4.0	35.0
20	34.2	M4	29.4	1.1875 - 18UNEF	89.0	23.05	4.0	38.0
22	37.4	M4	31.8	1.1875 - 18UNEF	89.0	23.05	4.0	41.0
24	40.9	M4	34.9	1.4375 - 18UNEF	89.0	23.05	4.0	44.5
28	46.7	M5	39.7	1.4375 - 18UNEF	93.0	24.05	4.0	50.8
32	53.4	M5	44.5	1.7500 - 18UNS	93.0	24.05	4.0	57.0
36	59.6	M5	49.2	2.0000 - 18UNS	105.0	24.05	4.0	63.5
40	65.5	M5	55.5	2.2500 - 16UN	105.0	24.05	4.0	69.9

TABLE II: MODIFICATION CODES

CONTACT OPTIONS		ACCESSORY OPTIONS	
Sym	Description	N0	Connector less backshell
B0	Connector less contacts	N1	Connector with IT 3057 A cable clamp
Omit for standard version (Gold Plated Copper Alloy Contacts Supplied)		N5	Connector with IT 3057 C cable clamp
		N12	Connector with IT 3057 A cable clamp and IT 3420 neoprene sleeve
FINISH OPTIONS		Omit for standard version	
Sym	Description		
F2	Bright Nickel Plating		
F6	Black Electrodeposited Paint		
F8	Olive Drab Zn-Co Plating		
Omit for standard version (Cad free / black passivation Finish)			

