TF02 L 28-22 S N - 03

1 2 3 4 5 6

1 BASIC PART NUMBER
- **TF02** Box mount receptacle

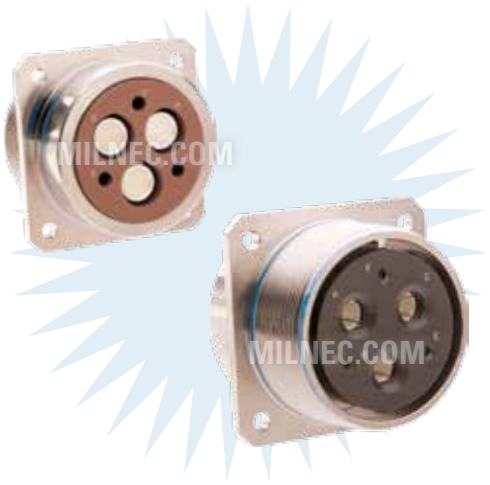
2 MATERIAL & FINISH
- **L** Aluminum, electroless nickel
- **D** Aluminum, cadmium over nickel

3 SHELL SIZE & INSERT ARRANGEMENT
- See Insert Arrangement Selection table, p. X-12

4 CONTACT STYLE
- **P** Pin
- **S** Socket
- **D** Pin (wire reducing, size #16 & #12 only)
- **F** Socket (wire reducing, size #16 & #12 only)

5 INSERT ROTATION
- **N** Normal or W, X, Y, Z, see p. X-12 for availability

6 OPTIONAL ACCESSORY KIT (OMIT FOR NONE)
- **02** Protective cover + mounting gasket
- **03** 02 kit + mounting bracket + sealing screws



TF02 Cross Reference & Compatibility

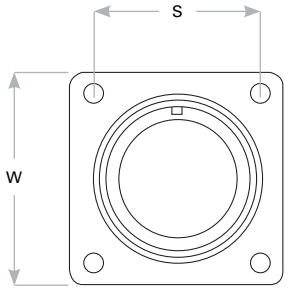
Compatible Brands	Equivalent	Mates
MIL-DTL-5015 Crimp	MS3402	MS3406, MS3408, MS3409, MS3496

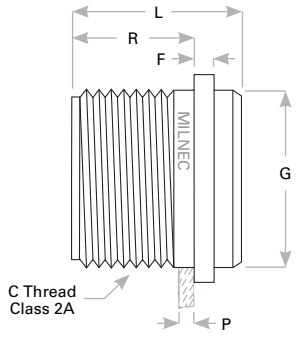
Note: See part builder (p. X-11) for additional kit options.

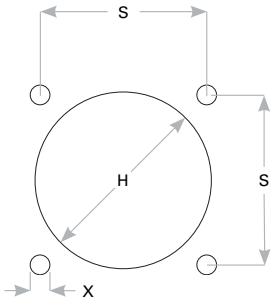
Receptacle Dimensions

Shell Size	W	C Thread Class 2A	L Max		R	F	G	P Max Rear Panel‡	S	X	H
			#12, #16 Contacts	#0, #4, #8 Contacts							
10SL	1.000 (25.4)	.6250-24 UNEF	1.662 (42.2)	-	.562 (14.3)	.083 (2.1)	.625 (15.9)	.187 (4.8)	.719 (18.3)	.120 (3.1)	.655 (16.6)
12S	1.094 (27.8)	.7500-20 UNEF	1.662 (42.2)	-	.562 (14.3)	.083 (2.1)	.750 (19.1)	.187 (4.8)	.812 (20.6)	.120 (3.1)	.780 (19.8)
14S	1.188 (30.2)	.8750-20 UNEF	1.662 (42.2)	-	.562 (14.3)	.083 (2.1)	.875 (22.2)	.187 (4.8)	.906 (23.0)	.120 (3.1)	.905 (23.0)
16S	1.281 (32.5)	1.0000-20 UNEF	1.662 (42.2)	-	.562 (14.3)	.083 (2.1)	1.000 (25.4)	.187 (4.8)	.969 (24.6)	.120 (3.1)	1.030 (26.2)
18	1.375 (34.9)	1.1250-18 UNEF	1.662 (42.2)	1.937 (49.2)	.750 (19.1)	.125 (3.2)	1.062 (27.0)	.125 (3.2)	1.062 (27.0)	.120 (3.1)	1.155 (29.3)
20	1.500 (38.1)	1.2500-18 UNEF	1.662 (42.2)	1.937 (49.2)	.750 (19.1)	.125 (3.2)	1.187 (30.1)	.125 (3.2)	1.156 (29.4)	.120 (3.1)	1.280 (32.5)
22	1.625 (41.3)	1.3750-18 UNEF	1.662 (42.2)	1.937 (49.2)	.750 (19.1)	.125 (3.2)	1.312 (33.3)	.125 (3.2)	1.250 (31.8)	.120 (3.1)	1.405 (35.7)
24	1.750 (44.5)	1.5000-18 UNEF	1.662 (42.2)	1.937 (49.2)	.812 (20.6)	.125 (3.2)	1.437 (36.5)	.187 (4.8)	1.375 (34.9)	.147 (3.7)	1.530 (38.9)
28	2.000 (50.8)	1.7500-18 UNS	1.662 (42.2)	1.937 (49.2)	.812 (20.6)	.125 (3.2)	1.750 (44.5)	.187 (4.8)	1.562 (39.7)	.147 (3.7)	1.780 (45.2)
32	2.250 (57.2)	2.0000-18 UNS	1.662 (42.2)	1.937 (49.2)	.875 (22.2)	.125 (3.2)	2.000 (50.8)	.250 (6.4)	1.750 (44.5)	.173 (4.4)	2.030 (51.6)
36	2.500 (63.5)	2.2500-16 UN	1.662 (42.2)	1.937 (49.2)	.875 (22.2)	.125 (3.2)	2.250 (57.2)	.250 (6.4)	1.938 (49.2)	.173 (4.4)	2.280 (57.9)

Dimensions are in inches (mm). ‡ Max panel thickness applies only to rear mount applications to ensure proper coupling clearance.







Panel Cutout