

TF09 Cross Reference & Compatibility

Compatible Brands	Equivalent	Mates
MIL-DTL-5015 Crimp	MS3409	MS3400, MS3401, MS3402, MS3404

TF09 L 28-22 P N - 01

1 2 3 4 5 6

1. **BASIC PART NUMBER**
   - **TF09** Plug with 45° strain relief
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)
   - **01** Protective cover

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

Plug Dimensions

Shell Size	D	C Thread Class 2B	L Max		M	G	V Thread Class 2A
			#12, #16 Contacts	#0, #4, #8 Contacts			
10SL	.969 (24.6)	.6250-24 UNEF	2.031 (51.6)	-	.441 (11.2)	.405 (10.3)	.6250-24 UNEF
12S	1.062 (27.0)	.7500-20 UNEF	2.031 (51.6)	-	.550 (14.0)	.549 (13.9)	.7500-20 UNEF
14S	1.156 (29.4)	.8750-20 UNEF	2.031 (51.6)	-	.670 (17.0)	.665 (16.9)	.8750-20 UNEF
16S	1.250 (31.8)	1.0000-20 UNEF	2.031 (51.6)	-	.800 (20.3)	.790 (20.1)	1.0000-20 UNEF
18	1.344 (34.1)	1.1250-18 UNEF	2.125 (54.0)	2.500 (63.5)	.925 (23.5)	.869 (22.1)	1.0625-18 UNEF
20	1.469 (37.3)	1.2500-18 UNEF	2.125 (54.0)	2.500 (63.5)	1.045 (26.5)	.994 (25.2)	1.1875-18 UNEF
22	1.594 (40.5)	1.3750-18 UNEF	2.125 (54.0)	2.500 (63.5)	1.170 (29.7)	1.119 (28.4)	1.3125-18 UNEF
24	1.719 (43.7)	1.5000-18 UNS	2.125 (54.0)	2.500 (63.5)	1.295 (32.9)	1.244 (31.6)	1.4375-18 UNEF
28	1.969 (50.0)	1.7500-18 UNS	2.125 (54.0)	2.500 (63.5)	1.515 (38.5)	1.465 (37.2)	1.7500-18 UNS
32	2.219 (56.4)	2.0000-18 UNS	2.125 (54.0)	2.500 (63.5)	1.765 (44.8)	1.715 (43.6)	2.0000-18 UNS
36	2.469 (62.7)	2.2500-16 UNS	2.125 (54.0)	2.500 (63.5)	1.975 (50.2)	1.930 (49.0)	2.2500-16 UN

Dimensions are in inches (mm).





