

# Plug

TC Series • High-Performance Crimp Connectors



**Standard plug for environmental applications**  
Plugs feature a wire sealing grommet for superior sealing in harsh environments. Strain relief backshells are required to protect from cable tension. Covers are recommended to protect contacts and coupling threads from damage or debris.

## TC06 N 28-22 P N - R2(055) - 01

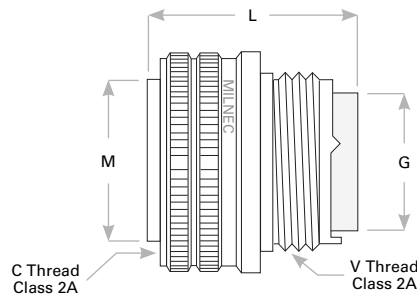
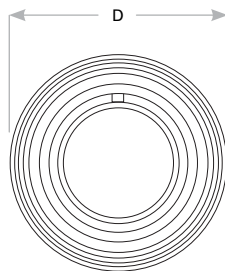
- 1 **BASIC PART NUMBER**  
TC06 Plug
- 2 **MATERIAL & FINISH**  
N Aluminum, electroless nickel  
W Aluminum, olive drab cadmium  
K Stainless steel, passivated (firewall rated)
- 3 **SHELL SIZE & INSERT ARRANGEMENT**  
See Insert Arrangement Selection table, p. E-14
- 4 **CONTACT STYLE**  
P Pin  
S Socket
- 5 **INSERT ROTATION**  
N Normal or W, X, Y, Z, see p. E-14 for availability
- 6 **OPTIONAL BACKSHELL KIT (OMIT FOR NONE)**  
B2 Straight strain relief (self-locking), p. E-29  
R2( ) Straight EMI/RFI environmental, p. E-40  
(Add dash number for appropriate shell size, see p. E-40)
- 7 **OPTIONAL ACCESSORY KIT (OMIT FOR NONE)**  
01 Protective cover

**Note:** See part builder (p. E-13) for additional kit options.

## Plug Dimensions

Shell Size	D	C Thread Class 2A	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).



Rev. 1225.1