

D38999/42 Connector Type Datasheet

TB Series • MIL-DTL-38999 Series IV Style Accessories



TB02 Compatibility

Compatible Brands	Equivalents	Mates
MIL-DTL-38999 Series IV	D38999/42	D38999/46, D38999/47
G & H Tech / Cooper	BL02	BL06, BLG6
Deutsch	DIV/41	DIV/45, DIV/46

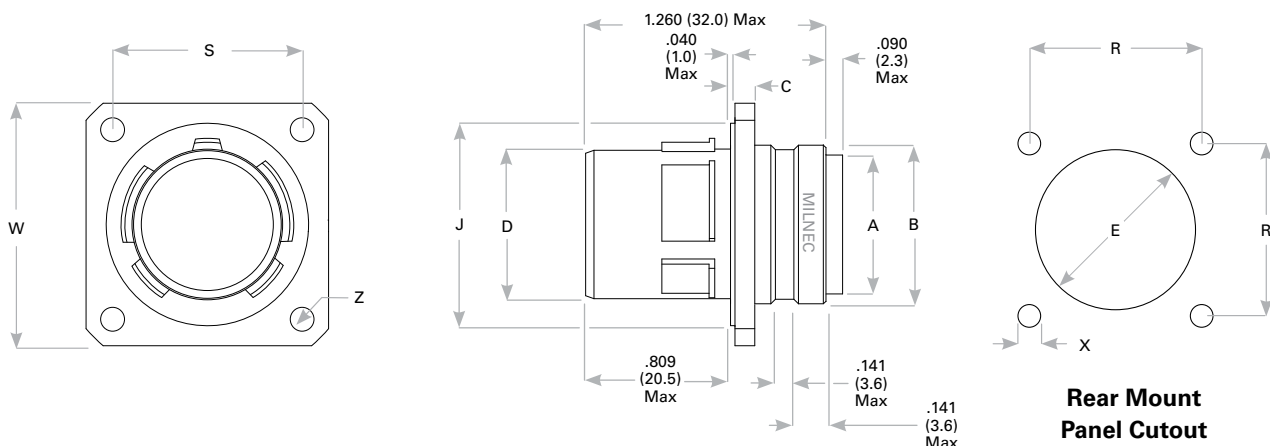
TB02 N 9-98 S N - 03

- 1 **BASIC PART NUMBER**
TB02 Box mount receptacle
- 2 **MATERIAL & FINISH**
N Aluminum, electroless nickel
W Aluminum, olive drab cadmium
G Aluminum, electroless nickel (space-grade)
- 3 **SHELL SIZE & INSERT ARRANGEMENT**
See Insert Arrangement Selection table, p. S-16
- 4 **CONTACT STYLE**
P Pin
S Socket
- 5 **ALTERNATE KEYING**
N NORMAL or A, B, C, D, K
- 6 **OPTIONAL ACCESSORY KIT (OMIT FOR NONE)**
02 Protective cover + mounting gasket
03 02 kit + mounting bracket + sealing screws

Receptacle Dimensions

Shell Size	Military Shell Size	W	S	Z	J	D	C	A	B	X	R	E
9	A	.948 (24.1)	.656 (16.7)	.122 (3.1)	.668 (17.0)	.384 (9.8)	.102 (2.6)	.412 (10.5)	.453 (11.5)	.130 (3.3)	.656 (16.7)	.681 (17.3)
11	B	1.051 (26.7)	.812 (20.6)	.122 (3.1)	.793 (20.1)	.509 (12.9)	.102 (2.6)	.535 (13.6)	.578 (14.7)	.130 (3.3)	.812 (20.6)	.806 (20.5)
13	C	1.146 (29.1)	.906 (23.0)	.122 (3.1)	.919 (23.3)	.634 (16.1)	.102 (2.6)	.649 (16.5)	.692 (17.6)	.130 (3.3)	.906 (23.0)	.932 (23.7)
15	D	1.240 (31.5)	.969 (24.6)	.122 (3.1)	1.044 (26.5)	.759 (19.3)	.102 (2.6)	.771 (19.6)	.818 (20.8)	.130 (3.3)	.969 (24.6)	1.057 (26.8)
17	E	1.335 (33.9)	1.062 (27.0)	.122 (3.1)	1.170 (29.7)	.885 (22.5)	.102 (2.6)	.897 (22.8)	.944 (24.0)	.130 (3.3)	1.062 (27.0)	1.183 (30.0)
19	F	1.461 (37.1)	1.156 (29.4)	.122 (3.1)	1.294 (32.9)	1.009 (25.6)	.102 (2.6)	1.003 (25.5)	1.051 (26.7)	.130 (3.3)	1.156 (29.4)	1.307 (33.2)
21	G	1.583 (40.2)	1.250 (31.8)	.122 (3.1)	1.419 (36.0)	1.134 (28.8)	.133 (3.4)	1.129 (28.7)	1.173 (29.8)	.130 (3.3)	1.250 (31.8)	1.432 (36.4)
23	H	1.709 (43.4)	1.375 (34.9)	.142 (3.6)	1.544 (39.2)	1.259 (32.0)	.133 (3.4)	1.255 (31.9)	1.299 (33.0)	.130 (3.3)	1.375 (34.9)	1.557 (39.5)
25	J	1.835 (46.6)	1.500 (38.1)	.142 (3.6)	1.669 (42.4)	1.384 (35.2)	.133 (3.4)	1.377 (35.0)	1.425 (36.2)	.130 (3.3)	1.500 (38.1)	1.682 (42.7)

Dimensions are in inches (mm). Max panel thickness .125 (3.2) for front or rear panel mounting.



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