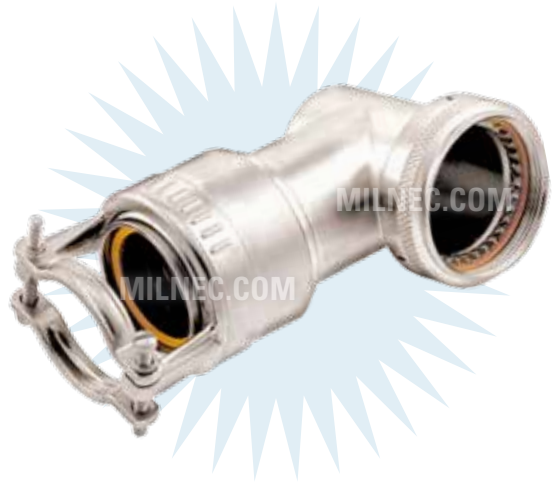


TBR4 - 015 N

1 2 3

1 BASIC PART NUMBER

TBR4 90° EMI/RFI environmental backshell

2 DASH NO.

See Backshell Dimensions table below

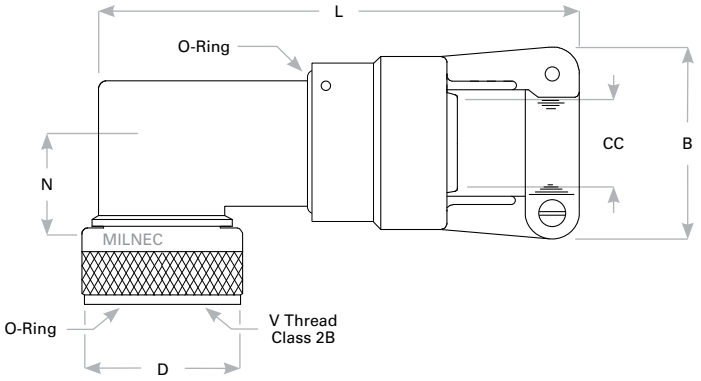
3 MATERIAL & FINISH

N	Aluminum, electroless nickel
W	Aluminum, olive drab cadmium
G	Aluminum, electroless nickel (space-grade)
K*	Stainless steel, passivated
L*	Stainless steel, electrodeposited nickel

* Please consult an authorized distributor for lead time and minimum quantity requirements.

TBR4 Compatibility

Compatible Brands	Connectors
MIL-DTL-38999 Series IV	D38999/40, D38999/44, D38999/46, D38999/47, D38999/49
G & H Tech / Cooper	BL00, BL03, BL06, BL07, BLG6
Deutsch	DIV/40, DIV/44, DIV/45, DIV/46, DIV/48



Backshell Dimensions

Dash No.	Shell Size	Military Shell Size	V Thread Class 2B	N	D	B	L	CC Cable Clearance	
								Min	Max
001	**9**	A	M12 X 1-6H	.438 (11.1)	.750 (19.1)	.800 (20.3)	3.141 (79.8)	.062 (1.6)	.125 (3.2)
002	**9**	A	M12 X 1-6H	.438 (11.1)	.750 (19.1)	1.000 (25.4)	3.141 (79.8)	.125 (3.2)	.250 (6.4)
003	**11**	B	M15 X 1-6H	.533 (13.5)	.850 (21.6)	.800 (20.3)	3.261 (82.8)	.062 (1.6)	.125 (3.2)
004	**11**	B	M15 X 1-6H	.533 (13.5)	.850 (21.6)	1.000 (25.4)	3.261 (82.8)	.125 (3.2)	.250 (6.4)
005	**11**	B	M15 X 1-6H	.533 (13.5)	.850 (21.6)	1.100 (27.9)	3.261 (82.8)	.250 (6.4)	.375 (9.5)
006	**13**	C	M18 X 1-6H	.548 (13.9)	1.000 (25.4)	1.000 (25.4)	3.281 (83.3)	.125 (3.2)	.250 (6.4)
007	**13**	C	M18 X 1-6H	.548 (13.9)	1.000 (25.4)	1.100 (27.9)	3.281 (83.3)	.250 (6.4)	.375 (9.5)
008	**13**	C	M18 X 1-6H	.548 (13.9)	1.000 (25.4)	1.200 (30.5)	3.281 (83.3)	.375 (9.5)	.500 (12.7)
009	**15**	D	M22 X 1-6H	.638 (16.2)	1.150 (29.2)	1.000 (25.4)	3.351 (85.1)	.125 (3.2)	.250 (6.4)
010	**15**	D	M22 X 1-6H	.638 (16.2)	1.150 (29.2)	1.100 (27.9)	3.351 (85.1)	.250 (6.4)	.375 (9.5)

Dimensions are in inches (mm).

(Continued on next page)

Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	Military Shell Size	V Thread Class 2B	N	D	B	L	CC Cable Clearance	
								Min	Max
011	15	D	M22 X 1-6H	.638 (16.2)	1.150 (29.2)	1.200 (30.5)	3.351 (85.1)	.375 (9.5)	.500 (12.7)
012	15	D	M22 X 1-6H	.638 (16.2)	1.150 (29.2)	1.250 (31.8)	3.351 (85.1)	.500 (12.7)	.625 (15.9)
013	17	E	M25 X 1-6H	.823 (20.9)	1.250 (31.8)	1.000 (25.4)	3.441 (87.4)	.125 (3.2)	.250 (6.4)
014	17	E	M25 X 1-6H	.823 (20.9)	1.250 (31.8)	1.100 (27.9)	3.441 (87.4)	.250 (6.4)	.375 (9.5)
015	17	E	M25 X 1-6H	.823 (20.9)	1.250 (31.8)	1.200 (30.5)	3.441 (87.4)	.375 (9.5)	.500 (12.7)
016	17	E	M25 X 1-6H	.823 (20.9)	1.250 (31.8)	1.250 (31.8)	3.441 (87.4)	.500 (12.7)	.625 (15.9)
017	17	E	M25 X 1-6H	.823 (20.9)	1.250 (31.8)	1.400 (35.6)	3.441 (87.4)	.625 (15.9)	.750 (19.1)
018	19	F	M28 X 1-6H	.913 (23.2)	1.400 (35.6)	1.100 (27.9)	3.611 (91.7)	.250 (6.4)	.375 (9.5)
019	19	F	M28 X 1-6H	.913 (23.2)	1.400 (35.6)	1.200 (30.5)	3.611 (91.7)	.375 (9.5)	.500 (12.7)
020	19	F	M28 X 1-6H	.913 (23.2)	1.400 (35.6)	1.250 (31.8)	3.611 (91.7)	.500 (12.7)	.625 (15.9)
021	19	F	M28 X 1-6H	.913 (23.2)	1.400 (35.6)	1.400 (35.6)	3.611 (91.7)	.625 (15.9)	.750 (19.1)
022	19	F	M28 X 1-6H	.913 (23.2)	1.400 (35.6)	1.500 (38.1)	3.611 (91.7)	.750 (19.1)	.875 (22.2)
023	21	G	M31 X 1-6H	.913 (23.2)	1.550 (39.4)	1.100 (27.9)	3.611 (91.7)	.250 (6.4)	.375 (9.5)
024	21	G	M31 X 1-6H	.913 (23.2)	1.550 (39.4)	1.200 (30.5)	3.611 (91.7)	.375 (9.5)	.500 (12.7)
025	21	G	M31 X 1-6H	.913 (23.2)	1.550 (39.4)	1.250 (31.8)	3.611 (91.7)	.500 (12.7)	.625 (15.9)
026	21	G	M31 X 1-6H	.913 (23.2)	1.550 (39.4)	1.400 (35.6)	3.611 (91.7)	.625 (15.9)	.750 (19.1)
027	21	G	M31 X 1-6H	.913 (23.2)	1.550 (39.4)	1.500 (38.1)	3.611 (91.7)	.750 (19.1)	.875 (22.2)
028	21	G	M31 X 1-6H	.913 (23.2)	1.550 (39.4)	1.650 (41.9)	3.611 (91.7)	.875 (22.2)	1.000 (25.4)
029	23	H	M34 X 1-6H	1.063 (27.0)	1.650 (41.9)	1.100 (27.9)	3.721 (94.5)	.250 (6.4)	.375 (9.5)
030	23	H	M34 X 1-6H	1.063 (27.0)	1.650 (41.9)	1.200 (30.5)	3.721 (94.5)	.375 (9.5)	.500 (12.7)
031	23	H	M34 X 1-6H	1.063 (27.0)	1.650 (41.9)	1.250 (31.8)	3.721 (94.5)	.500 (12.7)	.625 (15.9)
032	23	H	M34 X 1-6H	1.063 (27.0)	1.650 (41.9)	1.400 (35.6)	3.721 (94.5)	.625 (15.9)	.750 (19.1)
033	23	H	M34 X 1-6H	1.063 (27.0)	1.650 (41.9)	1.500 (38.1)	3.721 (94.5)	.750 (19.1)	.875 (22.2)
034	23	H	M34 X 1-6H	1.063 (27.0)	1.650 (41.9)	1.650 (41.9)	3.721 (94.5)	.875 (22.2)	1.000 (25.4)
035	23	H	M34 X 1-6H	1.063 (27.0)	1.650 (41.9)	1.750 (44.5)	3.721 (94.5)	1.000 (25.4)	1.125 (28.6)
036	25	J	M37 X 1-6H	1.063 (27.0)	1.850 (47.0)	1.200 (30.5)	3.721 (94.5)	.375 (9.5)	.500 (12.7)
037	25	J	M37 X 1-6H	1.063 (27.0)	1.850 (47.0)	1.250 (31.8)	3.721 (94.5)	.500 (12.7)	.625 (15.9)
038	25	J	M37 X 1-6H	1.063 (27.0)	1.850 (47.0)	1.400 (35.6)	3.721 (94.5)	.625 (15.9)	.750 (19.1)
039	25	J	M37 X 1-6H	1.063 (27.0)	1.850 (47.0)	1.500 (38.1)	3.721 (94.5)	.750 (19.1)	.875 (22.2)
040	25	J	M37 X 1-6H	1.063 (27.0)	1.850 (47.0)	1.650 (41.9)	3.721 (94.5)	.875 (22.2)	1.000 (25.4)
041	25	J	M37 X 1-6H	1.063 (27.0)	1.850 (47.0)	1.750 (44.5)	3.721 (94.5)	1.000 (25.4)	1.125 (28.6)
042	25	J	M37 X 1-6H	1.063 (27.0)	1.850 (47.0)	1.900 (48.3)	3.721 (94.5)	1.125 (28.6)	1.250 (31.8)

Dimensions are in inches (mm).

