

90° EMI/RFI Env. Backshell

T9 Series • Advanced Military & Aerospace Connectors



T9R4 - 015 N

- 1 BASIC PART NUMBER
- 2 DASH NO.
- 3 MATERIAL & FINISH

T9R4 90° EMI/RFI environmental backshell

See Backshell Dimensions table below

N Aluminum, electroless nickel

W Aluminum, olive drab cadmium

K* Stainless steel, passivated

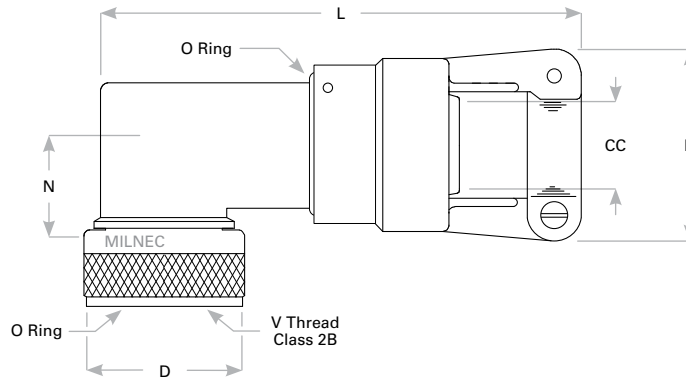
L* Stainless steel, electrodeposited nickel

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

Note: See part builder (p. F-17) for additional kit options.

Total protection & cable management

This backshell provides the ultimate in protection against environmental hazards and EMI/RFI interference. The 90° angle makes cable management in confined spaces easy. For proper sealing, please order the clamp size best suited to fit your outside cable diameter.



Backshell Dimensions

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

Dimensions are in inches (mm).

(Continued on next page)

Rev. 1239.1

Backshell Dimensions (Continued from previous page)

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

Dimensions are in inches (mm).

