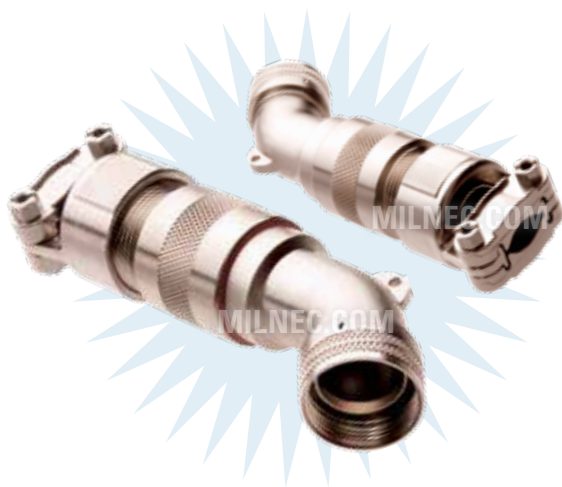


45° EMI/RFI Env. Backshell

EV Series • MIL-DTL-83723 Series III Type Connectors



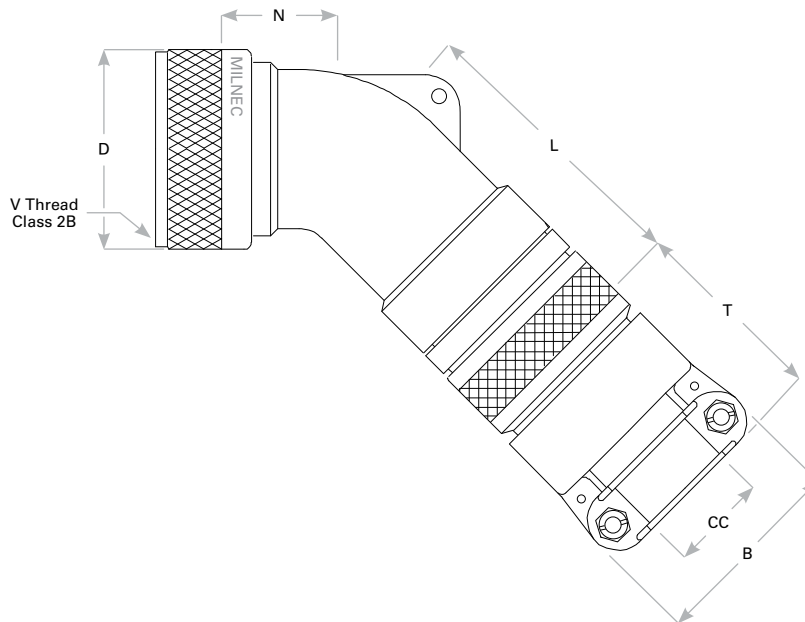
EVR3 - 009 N

- 1 **BASIC PART NUMBER**
EVR3 45° EMI/RFI env. backshell
- 2 **DASH NO.**
See Backshell Dimensions table below
- 3 **MATERIAL & FINISH**
N Aluminum, electroless nickel
W Aluminum, olive drab cadmium

Note: See overview (pp.T-4-T-5) for all connector and accessory options.

EVR3 Compatibility

Compatible Brands	Connectors
MIL-DTL-83723 Series III	M83723/71, /72, /73, /74, /75, /76, /77, /78, /82, /83, /84, /85, /86, /87, /91, /92, /95, /96
Aero / Conesys	AE83371, 72, 73, 74, 75, 76, 77, 78, 82, 83, 84, 85, 86, 87, 91, 92, 95, 96, 97, 98
Amphenol / Matrix	MB30, MB34, MB36, MB38, MT30, MT34, MT36, MT37, MT38
Deutsch / TE	DL60, DL64, DL66, DBA30, DBA34, DBA36



Backshell Dimensions

Dash No.	Shell Size	V Thread Class 2B	N	T	D	B	L	CC Cable Clearance	
								Min	Max
003	8	.5000-20 UNF	.625 (15.9)	1.544 (39.2)	.617 (15.7)	.957 (24.3)	1.244 (31.6)	.125 (3.2)	.250 (6.4)
004	10	.6250-24 UNEF	.686 (17.4)	1.544 (39.2)	.734 (18.6)	.957 (24.3)	1.912 (48.6)	.125 (3.2)	.312 (7.9)
005	10	.6250-24 UNEF	.686 (17.4)	1.544 (39.2)	.734 (18.6)	1.145 (29.1)	1.307 (33.2)	.250 (6.4)	.375 (9.5)
049	10	.6250-24 UNEF	1.500 (38.1)	1.544 (39.2)	.734 (18.6)	1.145 (29.1)	1.972 (50.1)	.250 (6.4)	.437 (11.1)
006	12	.7500-20 UNEF	.750 (19.1)	1.544 (39.2)	.858 (21.8)	.957 (24.3)	1.972 (50.1)	.125 (3.2)	.312 (7.9)

Dimensions are in inches (mm).

(Continued on next page)

Rev. 1806

Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	V Thread Class 2B	N	T	D	B	L	CC Cable Clearance	
								Min	Max
007	12	.7500-20 UNEF	.750 (19.1)	1.544 (39.2)	.858 (21.8)	1.145 (29.1)	1.972 (50.1)	.250 (6.4)	.437 (11.1)
008	12	.7500-20 UNEF	.750 (19.1)	1.844 (46.8)	.858 (21.8)	1.332 (33.8)	1.972 (50.1)	.350 (8.9)	.500 (12.7)
071	12	.7500-20 UNEF	1.654 (42.0)	1.844 (46.8)	.858 (21.8)	1.332 (33.8)	2.172 (55.2)	.350 (8.9)	.625 (15.9)
074	14	.8750-20 UNEF	.813 (20.7)	1.544 (39.2)	.984 (25.0)	.957 (24.3)	2.062 (52.4)	.125 (3.2)	.312 (7.9)
009	14	.8750-20 UNEF	.813 (20.7)	1.544 (39.2)	.984 (25.0)	1.145 (29.1)	2.062 (52.4)	.250 (6.4)	.437 (11.1)
010	14	.8750-20 UNEF	.813 (20.7)	1.844 (46.8)	.984 (25.0)	1.332 (33.8)	1.717 (43.6)	.350 (8.9)	.575 (14.6)
050	14	.8750-20 UNEF	1.842 (46.8)	1.916 (48.7)	.984 (25.0)	1.551 (39.4)	2.362 (60.0)	.500 (12.7)	.750 (19.1)
075	16	1.0000-20 UNEF	.906 (23.0)	1.544 (39.2)	1.112 (28.2)	.957 (24.3)	2.172 (55.2)	.125 (3.2)	.312 (7.9)
011	16	1.0000-20 UNEF	.906 (23.0)	1.544 (39.2)	1.112 (28.2)	1.145 (29.1)	2.172 (55.2)	.250 (6.4)	.437 (11.1)
040	16	1.0000-20 UNEF	.906 (23.0)	1.844 (46.8)	1.112 (28.2)	1.332 (33.8)	2.172 (55.2)	.350 (8.9)	.625 (15.9)
012	16	1.0000-20 UNEF	.906 (23.0)	1.916 (48.7)	1.112 (28.2)	1.551 (39.4)	1.812 (46.0)	.500 (12.7)	.700 (17.8)
051	16	1.0000-20 UNEF	1.937 (49.2)	2.000 (50.8)	1.112 (28.2)	1.770 (45.0)	2.512 (63.8)	.625 (15.9)	.937 (23.8)
041	18	1.0625-18 UNEF	1.093 (27.8)	1.544 (39.2)	1.218 (30.9)	.957 (24.3)	2.362 (60.0)	.125 (3.2)	.312 (7.9)
042	18	1.0625-18 UNEF	1.093 (27.8)	1.544 (39.2)	1.218 (30.9)	1.145 (29.1)	2.362 (60.0)	.250 (6.4)	.437 (11.1)
013	18	1.0625-18 UNEF	1.093 (27.8)	1.844 (46.8)	1.218 (30.9)	1.332 (33.8)	2.362 (60.0)	.350 (8.9)	.625 (15.9)
052	18	1.0625-18 UNEF	1.093 (27.8)	1.916 (48.7)	1.218 (30.9)	1.551 (39.4)	2.362 (60.0)	.500 (12.7)	.750 (19.1)
014	18	1.0625-18 UNEF	1.093 (27.8)	2.000 (50.8)	1.218 (30.9)	1.770 (45.0)	2.000 (50.8)	.625 (15.9)	.779 (19.8)
072	18	1.0625-18 UNEF	1.937 (49.2)	2.000 (50.8)	1.218 (30.9)	1.770 (45.0)	2.512 (63.8)	.625 (15.9)	.937 (23.8)
043	20	1.1875-18 UNEF	1.093 (27.8)	1.544 (39.2)	1.345 (34.2)	1.145 (29.1)	2.362 (60.0)	.250 (6.4)	.437 (11.1)
015	20	1.1875-18 UNEF	1.093 (27.8)	1.844 (46.8)	1.345 (34.2)	1.332 (33.8)	2.362 (60.0)	.350 (8.9)	.625 (15.9)
054	20	1.1875-18 UNEF	1.093 (27.8)	1.916 (48.7)	1.345 (34.2)	1.551 (39.4)	2.362 (60.0)	.500 (12.7)	.750 (19.1)
016	20	1.1875-18 UNEF	1.093 (27.8)	2.000 (50.8)	1.345 (34.2)	1.770 (45.0)	2.000 (50.8)	.625 (15.9)	.904 (23.0)
055	20	1.1875-18 UNEF	2.061 (52.3)	2.230 (56.6)	1.345 (34.2)	2.113 (53.7)	2.562 (65.1)	.875 (22.2)	1.250 (31.8)
044	22	1.3125-18 UNEF	1.188 (30.2)	1.544 (39.2)	1.468 (37.3)	.957 (24.3)	2.512 (63.8)	.125 (3.2)	.312 (7.9)
045	22	1.3125-18 UNEF	1.188 (30.2)	1.544 (39.2)	1.468 (37.3)	1.145 (29.1)	2.512 (63.8)	.250 (6.4)	.437 (11.1)
056	22	1.3125-18 UNEF	1.188 (30.2)	1.844 (46.8)	1.468 (37.3)	1.332 (33.8)	2.512 (63.8)	.350 (8.9)	.625 (15.9)
017	22	1.3125-18 UNEF	1.188 (30.2)	1.916 (48.7)	1.468 (37.3)	1.551 (39.4)	2.512 (63.8)	.500 (12.7)	.750 (19.1)
057	22	1.3125-18 UNEF	1.188 (30.2)	2.000 (50.8)	1.468 (37.3)	1.770 (45.0)	2.512 (63.8)	.625 (15.9)	.937 (23.8)
018	22	1.3125-18 UNEF	1.188 (30.2)	2.230 (56.6)	1.468 (37.3)	2.113 (53.7)	2.155 (54.7)	.875 (22.2)	1.029 (26.1)
058	22	1.3125-18 UNEF	2.061 (52.3)	2.230 (56.6)	1.468 (37.3)	2.113 (53.7)	2.562 (65.1)	.875 (22.2)	1.250 (31.8)
046	24	1.4375-18 UNEF	1.188 (30.2)	1.844 (46.8)	1.593 (40.5)	1.332 (33.8)	2.512 (63.8)	.350 (8.9)	.625 (15.9)
019	24	1.4375-18 UNEF	1.188 (30.2)	1.916 (48.7)	1.593 (40.5)	1.551 (39.4)	2.512 (63.8)	.500 (12.7)	.750 (19.1)
059	24	1.4375-18 UNEF	1.188 (30.2)	2.000 (50.8)	1.593 (40.5)	1.770 (45.0)	2.512 (63.8)	.625 (15.9)	.937 (23.8)
020	24	1.4375-18 UNEF	1.188 (30.2)	2.230 (56.6)	1.593 (40.5)	2.113 (53.7)	2.155 (54.7)	.875 (22.2)	1.144 (29.1)
073	24	1.4375-18 UNEF	2.061 (52.3)	2.230 (56.6)	1.593 (40.5)	2.116 (53.7)	2.562 (65.1)	.875 (22.2)	1.250 (31.8)

Dimensions are in inches (mm).