M28840 Straight EMI/Environmental Backshell

NS Series • MIL-DTL-28840 Type Connectors



NSR2 - 009 W

1 2 3

1 **BASIC PART NUMBER**
- **NSR2** Straight EMI/environmental backshell

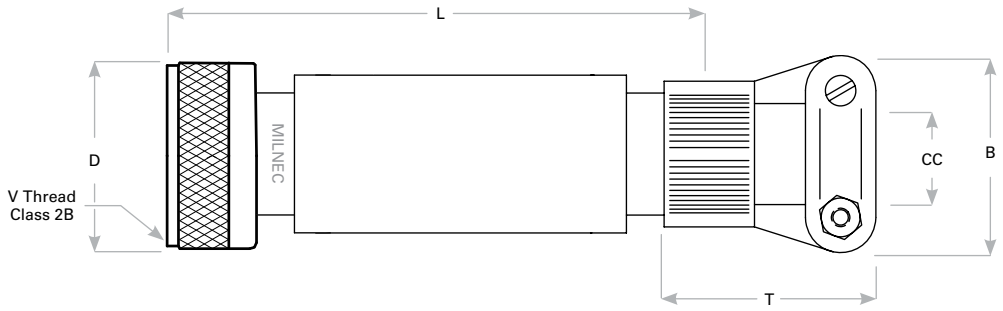
2 **DASH NO.**
- See Backshell Dimensions table below

3 **MATERIAL & FINISH**
- **W** Aluminum, olive drab cadmium
- **D** Stainless steel, black cadmium plate

Note: See part builder (p. Z-7) for additional kit options.

NSR2 Compatibility

Compatible Brands	Connectors
MIL-DTL-28840	M28840/10, M28840/11, M28840/14, M28840/16



Backshell Dimensions

Dash No.	Shell Size	Military Shell Size	V Thread Class 2B	D	T Max	B Max	L	CC Cable Clearnace	
								Min	Max
001	11	A	.750-20 UNEF	1.028 (26.11)	1.281 (32.5)	.938 (23.8)	3.620 (91.9)	.188 (4.8)	.312 (7.9)
002	11	A	.750-20 UNEF	1.028 (26.11)	1.281 (32.5)	1.125 (28.6)	3.620 (91.9)	.281 (7.1)	.438 (11.1)
003	11	A	.750-20 UNEF	1.028 (26.11)	1.281 (32.5)	1.312 (33.3)	3.620 (91.9)	.344 (8.7)	.562 (14.3)
004	13	B	.875-20 UNEF	1.141 (28.98)	1.281 (32.5)	.938 (23.8)	3.620 (91.9)	.188 (4.8)	.312 (7.9)
005	13	B	.875-20 UNEF	1.141 (28.98)	1.281 (32.5)	1.125 (28.6)	3.620 (91.9)	.281 (7.1)	.438 (11.1)
006	13	B	.875-30 UNEF	1.141 (28.98)	1.281 (32.5)	1.312 (33.3)	3.620 (91.9)	.344 (8.7)	.562 (14.3)
007	13	B	.875-30 UNEF	1.141 (28.98)	1.281 (32.5)	1.312 (33.3)	4.120 (104.6)	.375 (9.5)	.625 (15.9)
008	15	C	1.000-20 UNEF	1.263 (32.08)	1.281 (32.5)	.938 (23.8)	3.620 (91.9)	.188 (4.8)	.312 (7.9)
009	15	C	1.000-20 UNEF	1.263 (32.08)	1.281 (32.5)	1.125 (28.6)	3.620 (91.9)	.281 (7.1)	.438 (11.1)
010	15	C	1.000-20 UNEF	1.263 (32.08)	1.281 (32.5)	1.312 (33.3)	3.620 (91.9)	.344 (8.7)	.562 (14.3)
011	15	C	1.000-20 UNEF	1.263 (32.08)	1.281 (32.5)	1.312 (33.3)	4.120 (104.6)	.375 (9.5)	.625 (15.9)
012	15	C	1.000-20 UNEF	1.263 (32.08)	1.312 (33.3)	1.593 (40.5)	4.120 (104.6)	.438 (11.1)	.750 (19.1)
013	17	D	1.125-18 UNEF	1.387 (35.23)	1.281 (32.5)	1.312 (33.3)	4.120 (104.6)	.375 (9.5)	.625 (15.9)
014	17	D	1.125-18 UNEF	1.387 (35.23)	1.312 (33.3)	1.593 (40.5)	4.120 (104.6)	.438 (11.1)	.750 (19.1)
015	17	D	1.125-18 UNEF	1.387 (35.23)	1.406 (35.7)	1.750 (44.5)	4.120 (104.6)	.625 (15.9	.938 (23.8)

Dimensions are in inches (mm).

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Rev. 1825

Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	Military Shell Size	V Thread Class 2B	D	T Max	B Max	L	CC Cable Clearance	
								Min	Max
016	19	E	1.250-18 UNEF	1.513 (38.43)	1.281 (32.5)	1.312 (33.3)	4.120 (104.6)	375 (9.5)	625 (15.9)
017	19	E	1.250-18 UNEF	1.513 (38.43)	1.406 (35.7)	1.750 (44.5)	4.120 (104.6)	.625 (15.9	.938 (23.8)
018	23	F	1.438-18 UNEF	1.703 (45.51)	1.312 (33.3)	1.593 (40.5)	4.620 (117.3)	.438 (11.1)	750 (19.1)
019	23	F	1.438-18 UNEF	1.703 (45.51)	1.406 (35.7)	1.750 (44.5)	4.620 (117.3)	.625 (15.9	.938 (23.8)
020	23	F	1.438-18 UNEF	1.703 (45.51)	1.593 (40.5)	2.093 (53.2)	4.620 (117.3)	.812 (20.6	1.188 (30.2)
021	25	G	1.562-18 UNEF	1.825 (46.35)	1.406 (35.7)	1.750 (44.5)	4.620 (117.3)	.625 (15.9)	.938 (23.8)
022	25	G	1.562-18 UNEF	1.825 (46.35)	1.593 (40.5	2.093 (53.2)	5.120 (130.0)	.812 (20.6)	1.188 (30.2)
023	25	G	1.562-18 UNEF	1.825 (46.35)	1.593 (40.5	2.093 (53.2)	5.120 (130.0)	.875 (22.2)	1.250 (31.8)
024	25	G	1.562-18 UNEF	1.825 (46.35)	1.625 (41.3)	2.343 (59.5)	5.120 (130.0)	1.000 (25.4)	1.380 (35.1)
025	29	H	1.875-16 UNS	2.143 (54.43)	1.593 (40.5	2.093 (53.2)	5.120 (130.0)	.812 (20.6)	1.188 (30.2)
026	29	H	1.875-16 UNS	2.143 (54.43)	1.625 (41.3)	2.343 (59.5)	5.120 (130.0)	1.000 (25.4)	1.380 (35.1)
027	33	J	2.062-16 UNS	2.329 (59.16)	1.625 (41.3)	2.343 (59.5)	5.120 (130.0)	1.000 (25.4)	1.380 (35.1)
028	33	J	2.062-16 UNS	2.329 (59.16)	1.900 (48.3)	2.750 (69.9)	5.120 (130.0)	1.250 (31.8)	1.625 (41.3)

Dimensions are in inches (mm).