

M28840 45° EMI/Environmental Backshell

NS Series • MIL-DTL-28840 Type Connectors



Photo for example only

NSR3 - 009 W

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- 1

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- BASIC PART NUMBER**
NSR3 45° EMI/environmental backshell

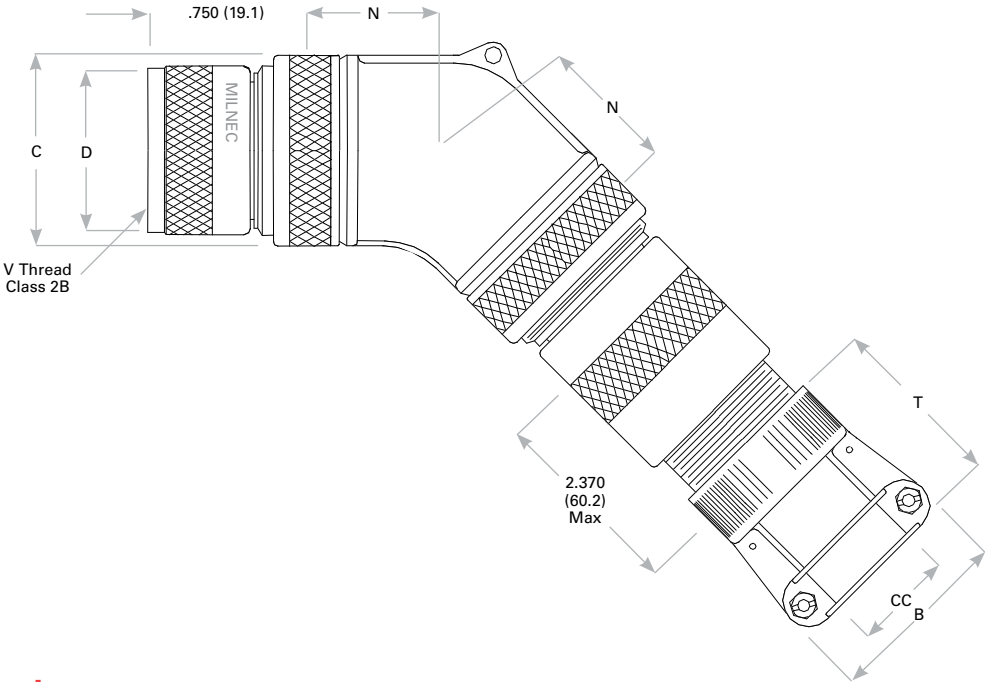
DASH NO.
See Backshell Dimensions table below

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

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

NSR3 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	N Max	T	C Max	D	B	CC Cable Clearance	
									Min	Max
001	11	A	.750-20 UNEF	1.031 (26.2)	1.281 (32.5)	1.188 (30.2)	1.028 (26.1)	.938 (23.8)	.188 (4.8)	.312 (7.9)
024	11	A	.750-20 UNEF	1.031 (26.2)	1.281 (32.5)	1.188 (30.2)	1.028 (26.11)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
025	11	A	.750-20 UNEF	1.156 (29.4)	1.281 (32.5)	1.438 (36.5)	1.028 (26.11)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
002	13	B	.875-20 UNEF	1.031 (26.2)	1.281 (32.5)	1.188 (30.2)	1.141 (29.0)	.938 (23.8)	.188 (4.8)	.312 (7.9)
003	13	B	.875-20 UNEF	1.031 (26.2)	1.281 (32.5)	1.188 (30.2)	1.141 (29.0)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
026	13	B	.875-30 UNEF	1.156 (29.4)	1.281 (32.5)	1.438 (36.5)	1.141 (28.98)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
027	13	B	.875-30 UNEF	1.281 (32.5)	1.281 (32.5)	1.688 (42.9)	1.141 (28.98)	1.312 (33.3)	.375 (9.5)	.625 (15.9)

Dimensions are in inches (mm).

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Rev. 1825

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Backshell Dimensions (Continued from previous page)

Dash No.	Shell Size	Military Shell Size	V Thread Class 2B	N Max	T	C Max	D	B	CC Cable Clearance	
									Min	Max
004	15	C	1.000-20 UNEF	1.156 (29.4)	1.281 (32.5)	1.438 (36.5)	1.263 (32.1)	.938 (23.8)	.188 (4.8)	.312 (7.9)
005	15	C	1.000-20 UNEF	1.156 (29.4)	1.281 (32.5)	1.438 (36.5)	1.263 (32.1)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
006	15	C	1.000-20 UNEF	1.156 (29.4)	1.281 (32.5)	1.438 (36.5)	1.263 (32.1)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
028	15	C	1.000-20 UNEF	1.281 (32.5)	1.281 (32.5)	1.688 (42.9)	1.263 (32.08)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
007	15	C	1.000-20 UNEF	1.281 (32.5)	1.312 (33.3)	1.688 (42.9)	1.263 (32.1)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
008	17	D	1.125-18 UNEF	1.281 (32.5)	1.281 (32.5)	1.688 (42.9)	1.387 (35.23)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
009	17	D	1.125-18 UNEF	1.281 (32.5)	1.312 (33.3)	1.688 (42.9)	1.387 (35.23)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
010	17	D	1.125-18 UNEF	1.281 (32.5)	1.406 (35.7)	1.688 (42.9)	1.387 (35.23)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
011	19	E	1.250-18 UNEF	1.281 (32.5)	1.281 (32.5)	1.688 (42.9)	1.513 (38.43)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
012	19	E	1.250-18 UNEF	1.406 (35.7)	1.406 (35.7)	1.938 (49.2)	1.513 (38.43)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
013	23	F	1.438-18 UNEF	1.406 (35.7)	1.312 (33.3)	1.938 (49.2)	1.703 (45.51)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
014	23	F	1.438-18 UNEF	1.406 (35.7)	1.406 (35.7)	1.938 (49.2)	1.703 (45.51)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
015	23	F	1.438-18 UNEF	1.406 (35.7)	1.593 (40.5)	1.938 (49.2)	1.703 (45.51)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
016	25	G	1.562-18 UNEF	1.406 (35.7)	1.406 (35.7)	1.938 (49.2)	1.825 (46.35)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
017	25	G	1.562-18 UNEF	1.406 (35.7)	1.593 (40.5)	1.938 (49.2)	1.825 (46.35)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
018	25	G	1.562-18 UNEF	1.531 (38.9)	1.593 (40.5)	2.188 (55.6)	1.825 (46.35)	2.093 (53.2)	.875 (22.2)	1.250 (31.8)
019	25	G	1.562-18 UNEF	1.531 (38.9)	1.625 (41.3)	2.188 (55.6)	1.825 (46.35)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
020	29	H	1.875-16 UNS	1.531 (38.9)	1.593 (40.5)	2.188 (55.6)	2.143 (54.43)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
021	29	H	1.875-16 UNS	1.531 (38.9)	1.625 (41.3)	2.188 (55.6)	2.143 (54.43)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
022	33	J	2.062-16 UNS	1.781 (45.2)	1.625 (41.3)	2.688 (68.3)	2.329 (59.16)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
023	33	J	2.062-16 UNS	1.781 (45.2)	1.900 (48.3)	2.688 (68.3)	2.329 (59.16)	2.750 (69.9)	1.250 (31.8)	1.625 (41.3)

Dimensions are in inches (mm).