

NS01 Compatibility

Compatible Brands	Equivalent	Mates
MIL-DTL-28840	MS28840/21	MS28840/16
Delphi	—	GT6

NS01 W 15-21 S 1 - R2(001) - 02

1 2 3 4 5 6 7

1 BASIC PART NUMBER

NS01 Cable mount receptacle w/ backshell & clamp

2 MATERIAL & FINISH

W Aluminum, olive drab cadmium

D Stainless steel, black cadmium plate

3 SHELL SIZE & INSERT ARRANGEMENT

See Insert Arrangement Drawings, p. Z-6

4 CONTACT STYLE

F Pin (20–24 AWG)

G Socket (20–24 AWG)

P Pin (22–26 AWG)

S Socket (22–26 AWG)

D Pin (28–32 AWG)

E Socket (28–32 AWG)

5 ALTERNATE KEYING

1 or 2, 3, 4, 5, 6, see p. Z-5 for availability

6 BACKSHELL KIT

E2( ) Environmental backshell, p. Z-33

(Add dash number for appropriate shell size, see p. Z-33)

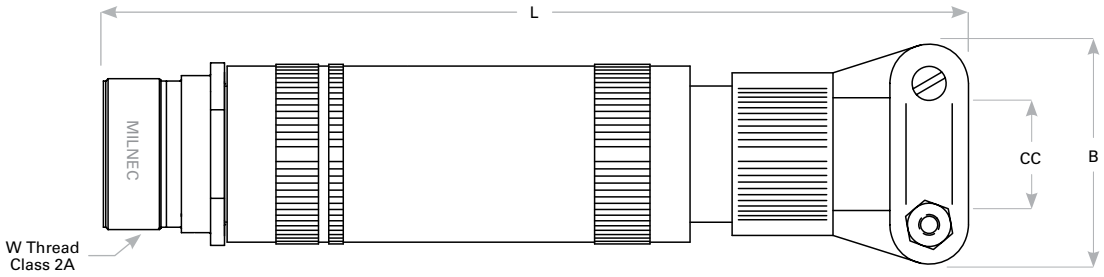
R2( ) EMI/RFI environmental backshell, p. Z-39

(Add dash number for appropriate shell size, see p. Z-39)

7 OPTIONAL ACCESSORY KIT (OMIT FOR NONE)

02 Protective cover + mounting gasket

03 02 kit + mounting bracket + sealing screws



Receptacle & Backshell Dimensions

Shell Size	Dash No.	W Thread Class 2A	L Max	B Max	CC Cable Clearance	
					Min	Max
11	001	.750-.1P-.2L -D.S.	6.625 (168.3)	.938 (23.8)	.188 (4.8)	.312 (7.9)
	002	.750-.1P-.2L -D.S.	6.625 (168.3)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
	003	.750-.1P-.2L -D.S.	6.625 (168.3)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
13	004	.875-.1P-.2L -D.S.	6.625 (168.3)	.938 (23.8)	.188 (4.8)	.312 (7.9)
	005	.875-.1P-.2L -D.S.	6.625 (168.3)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
	006	.875-.1P-.2L -D.S.	6.625 (168.3)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
	007	.875-.1P-.2L -D.S.	7.125 (181.0)	1.312 (33.3)	.375 (9.5)	.625 (15.9)

(Continued on next page)

Receptacle & Backshell Dimensions (Continued from previous page)

Shell Size	Dash No.	W Thread Class 2A	L Max	B Max	CC Cable Clearance	
					Min	Max
15	008	1.062-.1P-.2L -D.S.	6.625 (168.3)	.938 (23.8)	.188 (4.8)	.312 (7.9)
	009	1.062-.1P-.2L -D.S.	6.625 (168.3)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
	010	1.062-.1P-.2L -D.S.	6.625 (168.3)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
	011	1.062-.1P-.2L -D.S.	7.125 (181.0)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
	012	1.062-.1P-.2L -D.S.	7.188 (182.6)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
17	013	1.125-.1P-.2L -D.S.	7.125 (181.0)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
	014	1.125-.1P-.2L -D.S.	7.188 (182.6)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
	015	1.125-.1P-.2L -D.S.	7.188 (182.6)	1.593 (40.5)	.625 (15.9)	.938 (23.8)
19	016	1.312-.1P-.2L -D.S.	7.125 (181.0)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
	017	1.312-.1P-.2L -D.S.	7.250 (184.2)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
23	018	1.500-.1P-.2L -D.S.	7.688 (195.3)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
	019	1.500-.1P-.2L -D.S.	7.812 (198.4)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
	020	1.500-.1P-.2L -D.S.	7.938 (201.6)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
25	021	1.625-.1P-.2L -D.S.	7.750 (196.9)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
	022	1.625-.1P-.2L -D.S.	8.438 (214.3)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
	023	1.625-.1P-.2L -D.S.	8.438 (214.3)	2.093 (53.2)	.875 (22.2)	1.250 (31.8)
	024	1.625-.1P-.2L -D.S.	8.500 (215.9)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
29	025	1.812-.1P-.2L -D.S.	8.438 (214.3)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
	026	1.812-.1P-.2L -D.S.	8.500 (215.9)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
33	027	2.000-.1P-.2L -D.S.	8.500 (215.9)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
	028	2.000-.1P-.2L -D.S.	8.750 (222.3)	2.750 (69.9)	1.250 (31.8)	1.625 (41.3)

Dimensions are in inches (mm).