

M28840/28 Connector Type Datasheet

NS Series • MIL-DTL-28840 Type Connectors

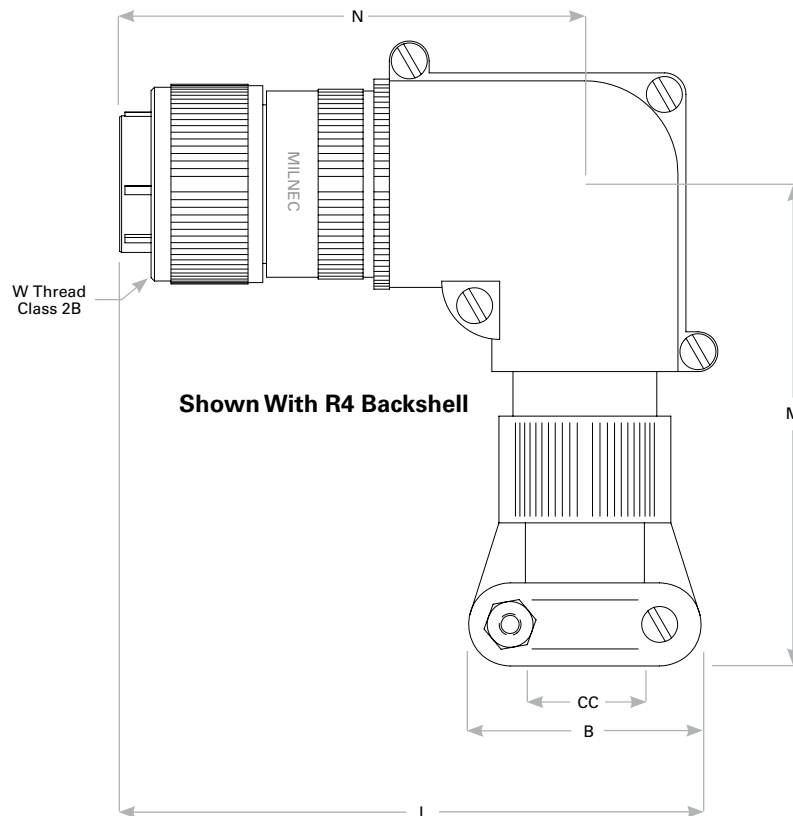


NS06 W 15-21 P 1 - R4(008) - 01

- 1 **BASIC PART NUMBER**
NS06 Plug with 90° 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**
E4() 90° environmental backshell
(Add dash number for appropriate shell size, see p. Z-37)
R4() 90° EMI/environmental backshell w/ cable clamp
(Add dash number for appropriate shell size, see p. Z-43)
- 7 **OPTIONAL ACCESSORY KIT (OMIT FOR NONE)**
01 Protective cover

NS06 Cross Reference & Compatibility

Compatible Brands	Equivalent	Mates
MIL-DTL-28840	MS28840/28	MS28840/10, MS28840/11, MS28840/12, MS28840/14
Delphi	GT6G, GT6H	GT0, GT1, GT2, GT4



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Rev. 1825

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Plug Dimensions (Continued from previous page)

Shell Size	Dash No.	W Thread Class 2B	L Max	N Max	M Max	B Max	CC Cable Clearance	
							Min	Max
11	001	.750-1P-.2L -D.S.	3.812 (96.8)	3.250 (82.6)	5.332 (135.4)	.938 (23.8)	.188 (4.8)	.312 (7.9)
	002	.750-1P-.2L -D.S.	3.812 (96.8)	3.250 (82.6)	5.332 (135.4)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
	003	.750-1P-.2L -D.S.	4.000 (101.6)	3.375 (85.7)	5.457 (138.6)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
13	004	.875-1P-.2L -D.S.	3.812 (96.8)	3.250 (82.6)	5.332 (135.4)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
	005	.875-1P-.2L -D.S.	4.000 (101.6)	3.375 (85.7)	5.457 (138.6)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
	006	.875-1P-.2L -D.S.	4.250 (108.0)	3.500 (88.9)	5.682 (144.3)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
15	007	1.062-1P-.2L -D.S.	4.000 (101.6)	3.375 (85.7)	5.457 (138.6)	1.125 (28.6)	.281 (7.1)	.438 (11.1)
	008	1.062-1P-.2L -D.S.	4.000 (101.6)	3.375 (85.7)	5.457 (138.6)	1.312 (33.3)	.344 (8.7)	.562 (14.3)
	009	1.062-1P-.2L -D.S.	4.250 (108.0)	3.500 (88.9)	5.682 (144.3)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
	010	1.062-1P-.2L -D.S.	4.125 (104.8)	3.500 (88.9)	5.713 (145.1)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
17	011	1.125-1P-.2L -D.S.	4.250 (108.0)	3.500 (88.9)	5.682 (144.3)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
	012	1.125-1P-.2L -D.S.	4.250 (108.0)	3.500 (88.9)	5.713 (145.1)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
19	014	1.312-1P-.2L -D.S.	4.250 (108.0)	3.500 (88.9)	5.682 (144.3)	1.312 (33.3)	.375 (9.5)	.625 (15.9)
	015	1.312-1P-.2L -D.S.	4.375 (111.2)	3.625 (92.1)	5.832 (148.1)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
23	016	1.500-1P-.2L -D.S.	4.500 (114.3)	3.625 (92.1)	5.738 (145.8)	1.593 (40.5)	.438 (11.1)	.750 (19.1)
	017	1.500-1P-.2L -D.S.	4.500 (114.3)	3.625 (92.1)	5.832 (148.1)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
	018	1.500-1P-.2L -D.S.	4.688 (119.1)	3.625 (92.1)	6.019 (152.9)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
25	019	1.625-1P-.2L -D.S.	4.500 (114.3)	3.625 (92.1)	5.832 (148.1)	1.750 (44.5)	.625 (15.9)	.938 (23.8)
	020	1.625-1P-.2L -D.S.	4.688 (119.1)	3.625 (92.1)	6.019 (152.9)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
	021	1.625-1P-.2L -D.S.	4.688 (119.1)	3.750 (95.3)	6.144 (156.1)	2.093 (53.2)	.875 (22.2)	1.250 (31.8)
	022	1.625-1P-.2L -D.S.	4.938 (125.4)	3.750 (95.3)	6.176 (156.9)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
29	023	1.812-1P-.2L -D.S.	4.812 (122.2)	3.750 (95.3)	6.144 (156.1)	2.093 (53.2)	.812 (20.6)	1.188 (30.2)
	024	1.812-1P-.2L -D.S.	4.938 (125.4)	3.750 (95.3)	6.176 (156.9)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
33	025	2.000-1P-.2L -D.S.	5.188 (131.8)	4.000 (101.6)	6.426 (163.2)	2.343 (59.5)	1.000 (25.4)	1.380 (35.1)
	026	2.000-1P-.2L -D.S.	5.375 (136.5)	4.000 (101.6)	6.701 (170.2)	2.750 (69.9)	1.250 (31.8)	1.625 (41.3)

Dimensions are in inches (mm).