

M28840/14 Connector Type Datasheet

NS Series • MIL-DTL-28840 Type Connectors



NS07 Cross Reference & Compatibility

Compatible Brands	Equivalent	Mates
MIL-DTL-28840	MS28840/14	MS28840/16
Delphi	GT4A	GT6

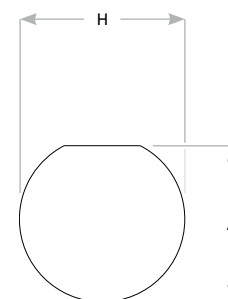
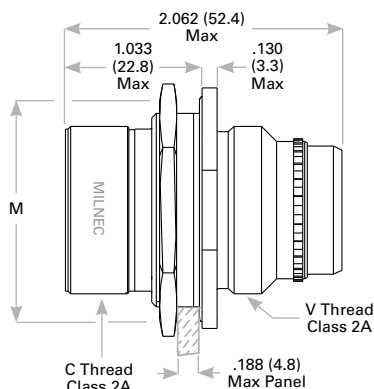
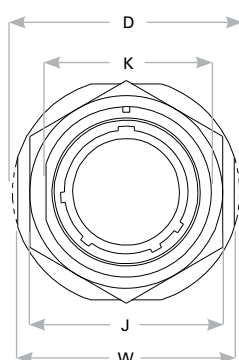
NS07 W 15-21 S 1 - R2(007) - 02

- 1 **BASIC PART NUMBER**
NS07 Jam nut receptacle
- 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 **OPTIONAL BACKSHELL KIT (OMIT FOR NONE)**
B2 Straight strain relief, p. Z-29
R2() Straight EMI/RFI environmental, p. Z-39
(Add dash number for appropriate shell size, see p. Z-39)
C2 Straight metal core conduit, p. Z-45
(Add dash number for appropriate shell size, see p. Z-45)
- 7 **OPTIONAL ACCESSORY KIT (OMIT FOR NONE)**
02 Protective cover

Receptacle Dimensions

Shell Size	D Max	W Max	J	K Max	M Max	V Thread Class 2A	C Thread Class 2A	H Max	A Max
11	1.368 (34.8)	1.274 (32.4)	1.062 (27.0)	.841 (21.4)	.979 (24.9)	.7500-20 UNEF	.750-.1P-.2L -D.S.	.890 (22.6)	.853 (21.7)
13	1.508 (38.3)	1.399 (35.5)	1.188 (30.2)	.966 (24.5)	1.104 (28.0)	.8750-20 UNEF	.875-.1P-.2L -D.S.	1.015 (25.8)	.978 (24.8)
15	1.681 (42.7)	1.587 (40.3)	1.375 (34.9)	1.156 (29.3)	1.292 (32.8)	1.0000-20 UNEF	1.062-.1P-.2L -D.S.	1.203 (30.6)	1.165 (29.6)
17	1.743 (44.3)	1.649 (41.9)	1.438 (36.5)	1.216 (30.9)	1.354 (34.4)	1.1250-18 UNEF	1.125-.1P-.2L -D.S.	1.265 (32.1)	1.228 (31.2)
19	1.931 (49.1)	1.837 (46.7)	1.625 (41.3)	1.403 (35.6)	1.542 (39.2)	1.2500-18 UNEF	1.312-.1P-.2L -D.S.	1.453 (36.9)	1.415 (35.9)
23	2.118 (53.8)	2.024 (51.4)	1.812 (46.0)	1.591 (40.4)	1.729 (43.9)	1.4375-18 UNEF	1.500-.1P-.2L -D.S.	1.640 (41.7)	1.603 (40.7)
25	2.243 (57.0)	2.149 (54.6)	2.000 (50.8)	1.716 (43.6)	1.854 (47.1)	1.5625-18 UNEF	1.625-.1P-.2L -D.S.	1.765 (44.8)	1.728 (43.9)
29	2.435 (61.9)	2.337 (59.4)	2.188 (55.6)	1.903 (46.3)	2.042 (51.9)	1.8750-16 UN	1.812-.1P-.2L -D.S.	1.953 (49.6)	1.915 (48.6)
33	2.618 (66.5)	2.524 (64.1)	2.375 (60.3)	2.091 (53.1)	2.229 (56.6)	2.0625-16 UN	2.000-.1P-.2L -D.S.	2.140 (54.4)	2.103 (53.4)

Dimensions are in inches (mm).



Panel Cutout

Rev. 1825