

M85049/114 Type 90° EMI/RFI Shield Sock

RY85049 Series • M85049 Type Backshells



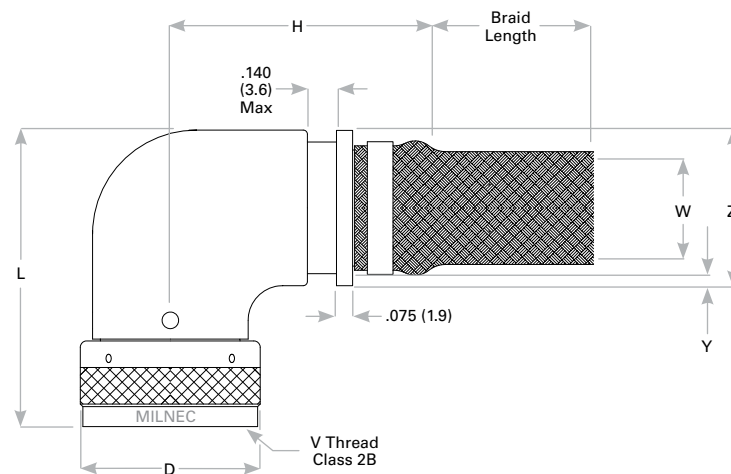
RY85049/114 Compatibility

Compatible Connector Series

MIL-DTL-38999 Series I & II 40M38277, PAN 6433-1
PATT 614, PATT 616 NFC93422 Series HE308 & HE309

RY85049/114 N 12 K N 03 - 7 D

- 1 **BASIC PART NUMBER**
RY85049/114
M85049/114 type
90° EMI/RFI shield sock shrink boot adapter
(Supersedes 89016)
- 2 **CONFIGURATION**
N Non-detented, self-locking
S Detented, self-locking
(Use dash for non-self-locking)
- 3 **DASH NO.**
See Dimensions table below
- 4 **SHIELD FINISH**
K Nickel plate
T Tin plate
- 5 **MATERIAL & FINISH**
N Aluminum, electroless nickel
W Aluminum, olive drab cadmium over electroless nickel
X Aluminum, nickel fluorocarbon polymer
Z Aluminum, black zinc-nickel
- 6 **ENTRY SIZE**
See Entry Size table below
- 7 **BRAID LENGTH**
1 inch increments (6" min, 18" max)
- 8 **DRAIN HOLE (OMIT FOR NONE)**
D Drain hole



(Continued on next page)

Rev. 1825

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Ry85049/114 Dimensions (Continued from previous page)

Dash No.	Shell Size Series I	Shell Size Series II	V Thread Class 2B	D Max	H Max	L Max	Cable Entry Size
08	9	8	7/16-28 UNEF	0.858 (21.8)	1.730 (43.9)	1.070 (27.2)	1
10	11	10	9/16-24 UNEF	0.984 (25.0)	1.850 (47.0)	1.190 (30.3)	01-03
12	13	12	11/16-24 UNEF	1.157 (29.4)	1.870 (47.5)	1.320 (33.5)	01-05
14	15	14	13/16-20 UNEF	1.279 (32.5)	1.940 (49.3)	1.440 (36.2)	03-07
16	17	16	15/16-20 UNEF	1.406 (35.7)	2.030 (51.6)	1.570 (39.9)	05-09
18	19	18	1 1/16-18 UNEF	1.516 (38.5)	2.200 (55.9)	1.750 (44.5)	06-10
20	21	20	1 3/16-18 UNEF	1.642 (41.7)	2.200 (55.9)	1.750 (44.5)	08-12
22	23	22	1 5/16-18 UNEF	1.768 (44.9)	2.310 (58.7)	2.000 (50.8)	09-13
24	25	24	1 7/16-18 UNEF	1.889 (48.0)	2.310 (58.7)	2.000 (50.8)	10-14

Dimensions are in inches (mm).

Ry85049/114 Entry Size

Entry Size	W ±.020 (0.5)	Y +.008 (0.2)	Z Max
01	0.250 (6.4)	0.044 (1.1)	0.560 (14.2)
02	0.312 (7.9)	0.044 (1.1)	0.630 (16.0)
03	0.375 (9.5)	0.044 (1.1)	0.690 (17.5)
04	0.438 (11.1)	0.044 (1.1)	0.750 (19.1)
05	0.500 (12.7)	0.044 (1.1)	0.820 (20.8)
06	0.562 (14.3)	0.044 (1.1)	0.890 (22.6)
07	0.625 (15.9)	0.044 (1.1)	0.950 (24.1)
08	0.688 (17.5)	0.044 (1.1)	1.020 (25.9)
09	0.750 (19.1)	0.069 (1.8)	1.120 (28.4)
10	0.812 (20.6)	0.069 (1.8)	1.200 (30.5)
11	0.875 (22.2)	0.069 (1.8)	1.270 (32.3)
12	0.938 (23.8)	0.069 (1.8)	1.260 (32.0)
13	1.000 (25.4)	0.069 (1.8)	1.370 (34.8)
14	1.125 (28.6)	0.069 (1.8)	1.470 (37.3)

Dimensions are in inches (mm).