AS85049/115
Straight RFI/EMI Shield-Sock Shrink Boot Adapter with Optional Self-Locking Coupling Nut

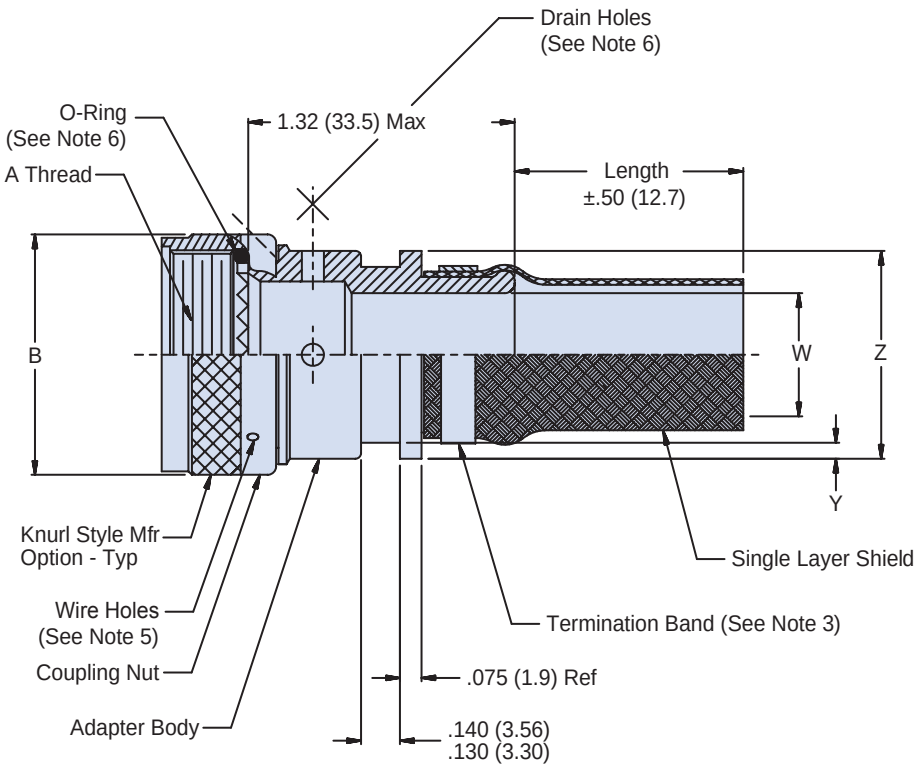
CONNECTOR DESIGNATOR:	
H	MIL-DTL-38999 Series III and IV EN3645

Product Series and Basic Part Number	Shell Size (Table I)		Shield Finish (Table IV)	Entry Size (Table II)		Drain Hole (Omit for None)
M85049/115	S	11	T	W	03 -	6 D

- S = Detented, Self-Locking
- – = Non-Self-Locking (Use Dash)
- N = Non-Detented, Self-Locking

Finish (Table III)

Braid Length
1 Inch Increments, 6” Min., 18” Max



Dimensions in inches (millimeters) and are subject to change without notice.

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TABLE I: Shell Size and Dimensions

Shell Size	A Thread Class 2B	B Max Diameter	Allowable Cable Entry Size
09	M12 X 1 - 6H	.858 (21.79)	01
11	M15 X 1 - 6H	.984 (24.99)	01-03
13	M18 X 1 - 6H	1.157 (29.39)	01-05
15	M22 X 1 - 6H	1.279 (32.49)	03-07
17	M25 X 1 - 6H	1.406 (35.71)	05-09
19	M28 X 1 - 6H	1.516 (38.51)	06-10
21	M31 X 1 - 6H	1.642 (41.71)	08-12
23	M34 X 1 - 6H	1.768 (44.91)	09-13
25	M37 X 1 - 6H	1.889 (47.98)	10-14

TABLE II: Entry Size and Dimensions

Entry Size	W ± .020 (.51)	Y +.008 (.20) -.000 (.00)	Z Max
01	.250 (6.4)	.044 (1.12)	.560 (14.2)
02	.312 (7.9)	.044 (1.12)	.630 (16.0)
03	.375 (9.5)	.044 (1.12)	.690 (17.5)
04	.438 (11.1)	.044 (1.12)	.750 (19.1)
05	.500 (12.7)	.044 (1.12)	.820 (20.8)
06	.562 (14.3)	.044 (1.12)	.890 (22.6)
07	.625 (15.9)	.044 (1.12)	.950 (24.1)
08	.688 (17.5)	.044 (1.12)	1.020 (25.9)
09	.750 (19.1)	.069 (1.75)	1.120 (28.4)
10	.812 (20.6)	.069 (1.75)	1.200 (30.5)
11	.875 (22.2)	.069 (1.75)	1.270 (32.3)
12	.938 (23.8)	.069 (1.75)	1.260 (32.0)
13	1.000 (25.4)	.069 (1.75)	1.370 (34.8)
14	1.125 (28.6)	.069 (1.75)	1.470 (37.3)

Table III: Symbol and Finish

Symbol	Finish
N	Electroless Nickel
W	Cadmium/Olive Drab over Electroless Nickel (1000 Hour Salt Spray)
X	Nickel Flurocarbon Polymer
Z	Zinc Nickel

Table IV: Symbol and Finish

Symbol	Finish
K	Nickel Plate
T	Tin Plate

Table V: (Manufacturer's Option)

Material	Finish
Copper	Tin Plate
Stainless Steel	Passivated

APPLICATION NOTES

1. Assembly identification with manufactuer's name and part number, space permitting.
2. Metric equivalents are given for general information only and are based on 1.00 inch = 25.4 mm.
3. Termination band configuration is not controlled. Band with buckle may exceed the "Z" dimensions (see Table II) provided the band does not interfere with boot attachment. Band material shall be as specified in Table V.
4. Termination of the accessory shield with harness shield may be performed with a GS85049/93 shield support ring or similar split ring accessory types.
5. Three (3) holes equally spaced shall be provided and accommodate .020 (0.51) maximum safety wire for the non-self-locking coupling configuration.
6. .125 (3.2 mm) diameter drain holes will be provided, 4 places, equally spaced (Optional, see part number development). O-Ring not required when drain hole option is specified.
7. Material/Finish:
   Adapter, coupling nut - Al alloy/see Table III.
   Termination band - See Table V (manufacturer's option).
   Braid - Copper/see Table IV.
   O-Ring - Silicone/N.A.

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