

INCH-POUND

MIL-DTL-28840/4B
31 October 2013
SUPERSEDING
MIL-DTL-28840/4A
26 April 2007

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, CIRCULAR, THREADED, HIGH SHOCK,
HIGH DENSITY, SHIPBOARD, METAL CONDUIT, FOR EMI SHIELDING

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein
shall consist of this specification sheet and MIL-DTL-28840.

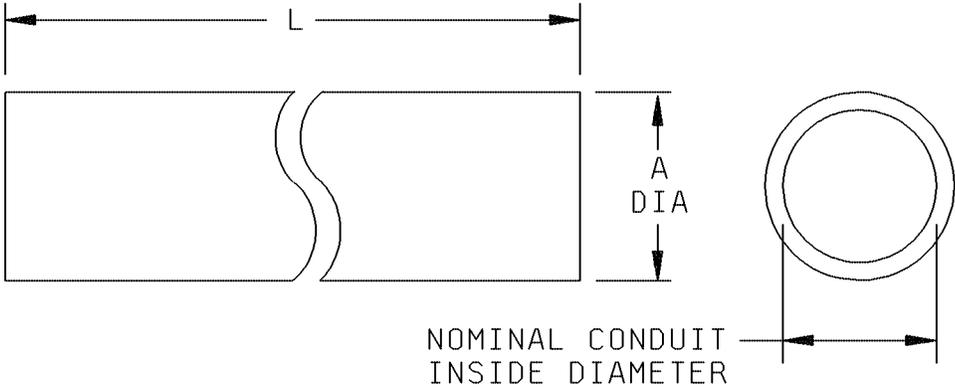


FIGURE 1. Dimensions and configuration.

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Size	Nominal conduit inside dia	A dia over shield $\pm .010$ (0.25)	L	B dia max over jacket
03	.375 (9.52)	.525 (13.34)	50 ft. max	.688 (17.47)
04	.500 (12.70)	.650 (16.51)		.812 (20.62)
05	.625 (15.87)	.765 (19.43)		.937 (23.79)
06	.750 (19.05)	.925 (23.50)		1.078 (27.38)
08	1.00 (25.40)	1.210 (30.73)		1.437 (36.49)
10	1.25 (31.75)	1.455 (36.96)		1.695 (43.05)
12	1.500 (38.10)	1.725 (43.82)		1.956 (49.68)
16	2.000 (50.80)	2.200 (55.88)		2.469 (62.71)

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerances are $\pm .016$ inch (0.41 mm).
3. Metric equivalents are given for information only.
4. For protective cover, see MS17349.

FIGURE 1. Dimensions and configuration – Continued.

REQUIREMENTS:

Design and construction: See figure 1.

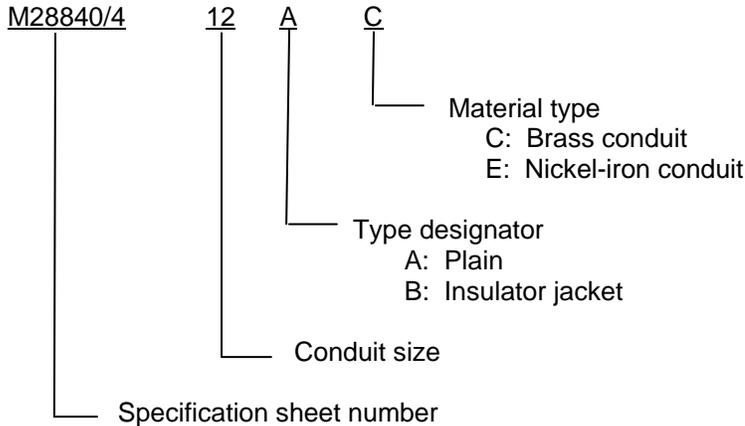
Materials:

Material conduit: Type C: Brass foil.
 Braid: Low phosphorous bronze wire.
 Insulator jacket: Neoprene.

Material conduit: Type E: Nickel iron foil.
 Braid: Tinned coated copper.
 Insulator jacket: Neoprene.

Length and tolerance in length should be specified through the ordering data.

Part or Identifying Number (PIN) example:



Changes from previous issue. The margins of this specification are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

Referenced documents. In addition to MIL-DTL-28840, this document references the following:

MS17349

CONCLUDING MATERIAL

Custodians:

Army - AT
Navy - EC
Air Force - 85
DLA - CC

Preparing activity:

DLA - CC

(Project 5935-2013-102)

Review activities:

Army - AV, MI
Air Force - 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using the ASSIST Online database at <https://assist.dla.mil>.