

INCH-POUNDS

MIL-DTL-28754/25B
w/AMENDMENT 1
12 August 2026
SUPERSEDING
MIL-DTL-28754/25B
21 November 2014

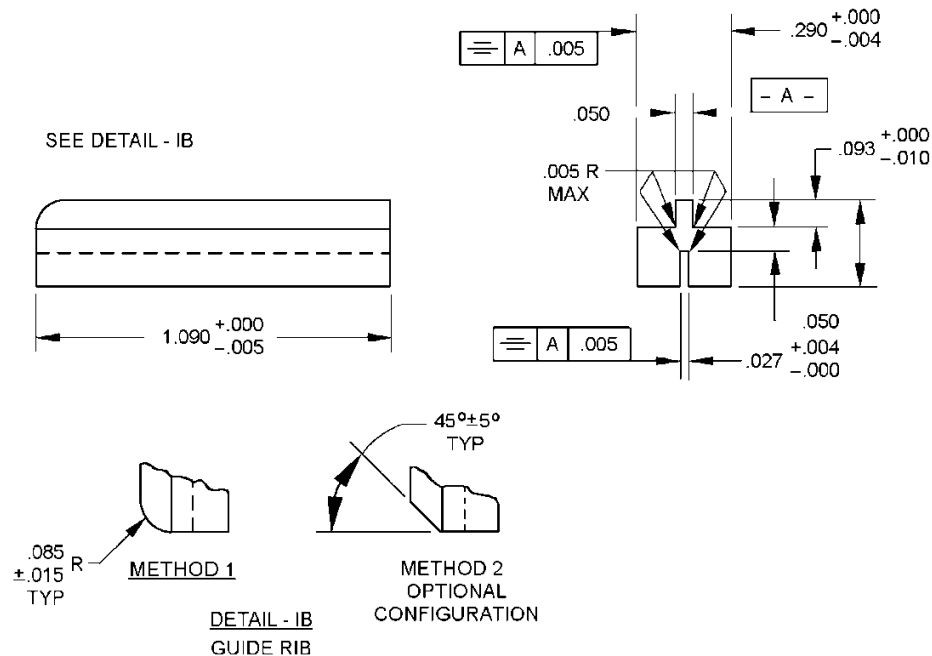
DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, MODULAR, GUIDE, RETAINING

Inactive for new design after 13 December 1982. For new design,
use MIL-DTL-28754/7.

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-28754.



NOTES:

1. Dimensions are in inches.
2. Remove burrs.
3. Break sharp edges .01 inch maximum.
4. Unless otherwise specified, tolerance is $\pm .005$ on three place decimals, $\pm .01$ on two place decimals and $\pm 2^\circ$ on angles.

FIGURE 1. Single rib guide M28754/25-01, M28754/25-02, M28754/25-03, M28754/25-04, and
M28754/25-05.

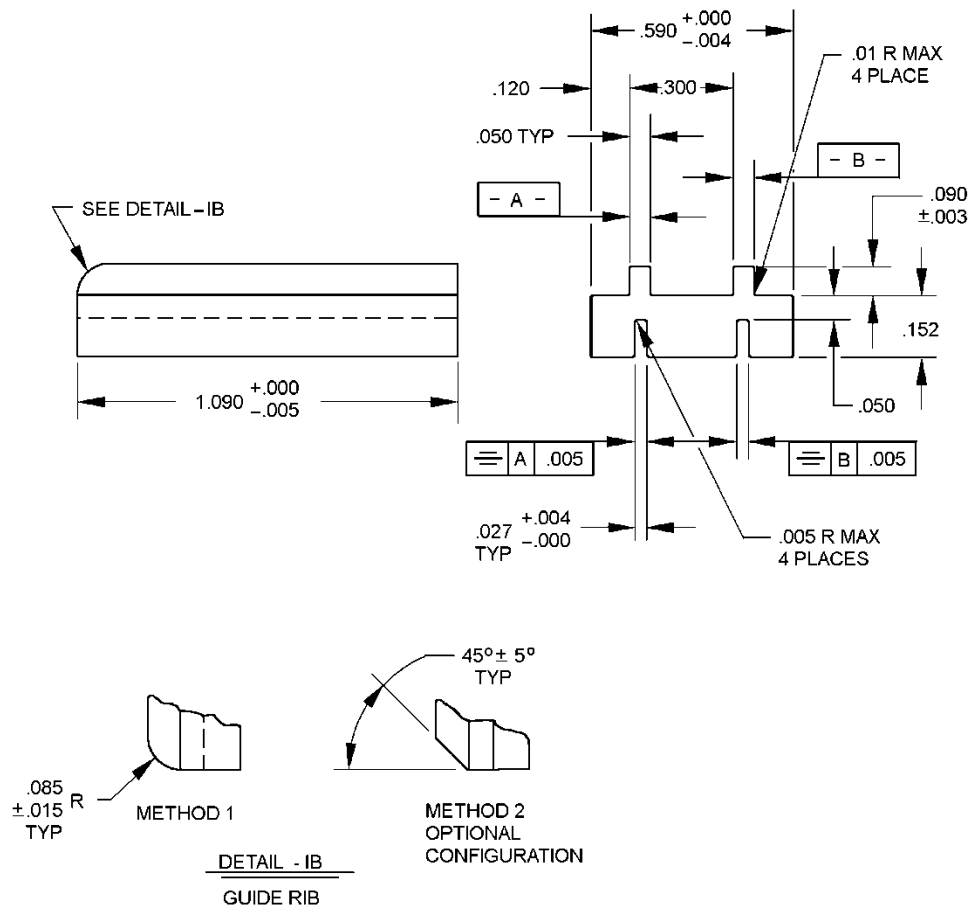
AMSC N/A

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FSC 5935



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FIGURE 2. Double rib guide M28754/25-06, M28754/25-07, M28754/25-08, M28754/25-04, and M28754/25-10.

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REQUIREMENTS:

Dimensions and configuration: See figures 1 and 2.

Material: See table I.

TABLE I. Dash number and materials.

Dash number	Material
01, 06	SAE AMS4150 or SAE AMS4173, Anodize in accordance with MIL-PRF-8625, type II, clear
02, 07	Diallyl phthalate, molded in accordance with ASTM D5948, type GDI-30F
03, 08	Polycarbonate, in accordance with ASTM D3935.
04, 09	Nylon, in accordance with ASTM D4066.
05, 10	Nylon, glass-fiber filled, molded, in accordance with ASTM D4066.

Military part number: M28754/25- (dash number from table I).

Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. 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.

Referenced documents. In addition to MIL-DTL-28754, this document references the following:

MIL-PRF-8625
ASTM D3935
ASTM D4066
ASTM D5948
SAE AMS4150
SAE AMS4173

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CONCLUDING MATERIAL

Custodians:

Army – CR
Navy – AS
Air Force – 85
DLA - CC

Preparing activity:
DLA - CC

(Project 5935-2026-034)

Review activities:

Army AR, MI
Navy – MC, YD

NOTE: The activities 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>.