

INCH-POUNDS

MIL-DTL-28754/7D
21 November 2014
SUPERSEDING
MIL-C-28754/7C
13 December 1982

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, MODULAR, TYPE IV,
SINGLE SPAN, CONNECTOR ASSEMBLY

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-C-28754.

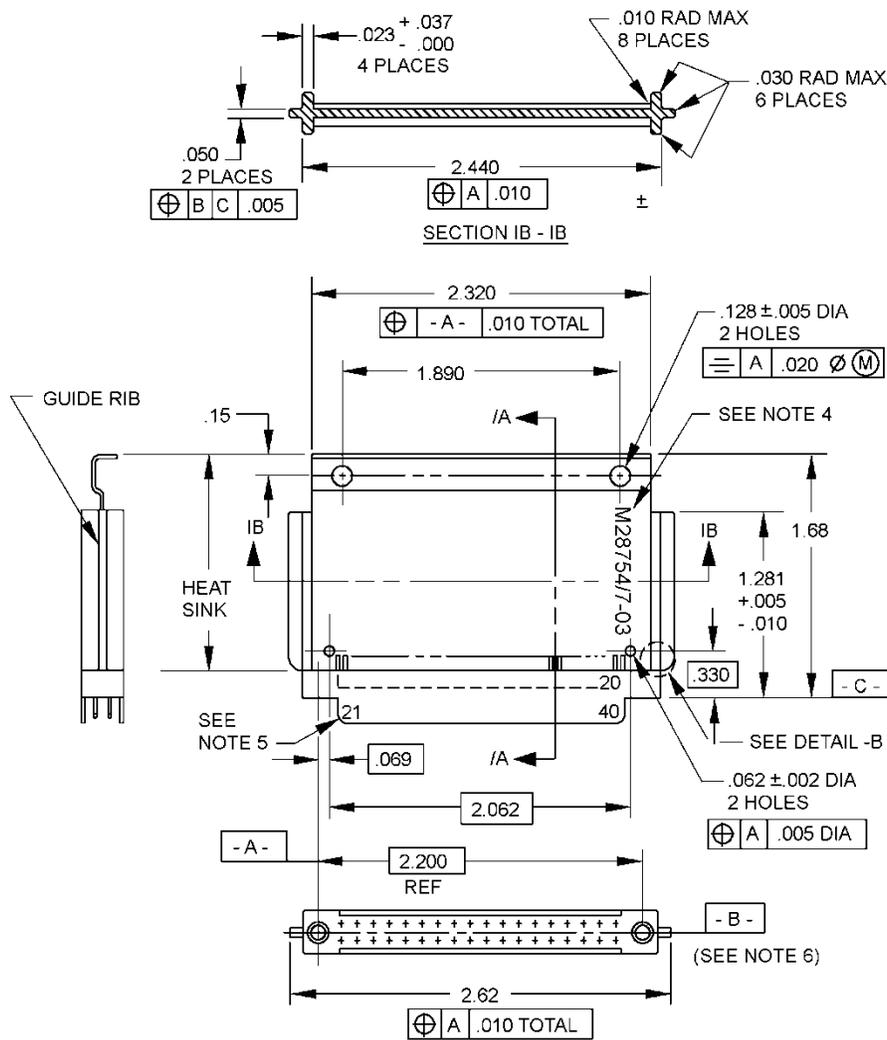
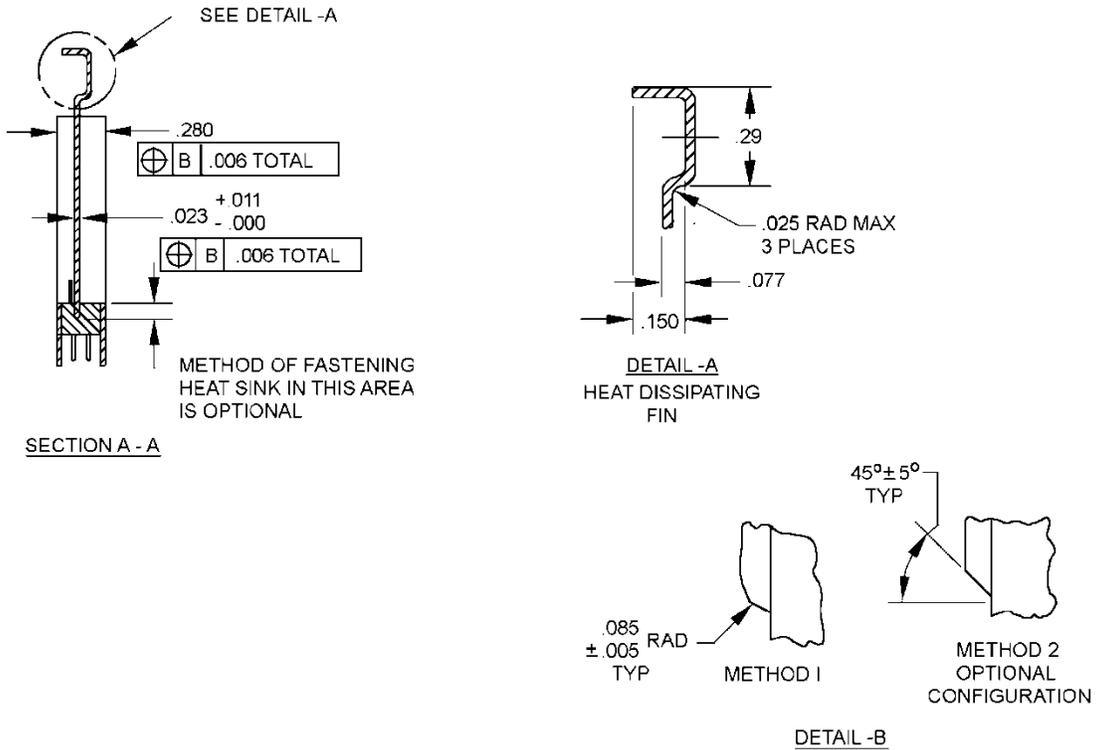


FIGURE 1. Dimensions and configurations.

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Inches	mm	Inches	mm	Inches	mm
.002	.05	.050	1.27	.330	8.38
.005	.13	.062	1.57	1.281	32.54
.006	.15	.069	1.75	1.530	38.86
.007	.18	.077	1.96	1.68	42.7
.010	.25	.085	2.16	1.890	48.01
.011	.28	.114	2.90	2.062	52.37
.015	.38	.128	3.25	2.200	55.88
.023	.58	.15	3.8	2.320	58.93
.025	.64	.155	3.94	2.440	61.98
.030	.76	.280	7.11	2.62	66.6
.037	.94	.29	7.4		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerance is $\pm .005$ on 3 place decimals, $\pm .01$ on two place decimals and $\pm 2^\circ$ on angles.
4. Mark in this area in white characters, .06 inch high marking can be vertical or horizontal. Marking positions optional within center section of heat sinks.
5. Contact number location dependent on connector used.
6. The line referred to as -B- designated a reference plane passing through the axis of the two keying pins.

FIGURE 1. Dimensions and configurations – Continued.

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REQUIREMENTS:

Dimensions and configuration: See figure 1.

Applicable connector: See table I.

Heat sink with guide ribs: Aluminum alloy, 3/4 hard in accordance with SAE-AMS-QQ-A-250. Surface finish anodized in accordance with MIL-A-8625, type II, class 2, black.

Marking: In accordance with MIL-C-28754 and figure 1.

Part or Identifying Number (PIN): M28754/7- (dash number from table I).

TABLE I. Dash numbers and applicable connector.

Dash no.	Applicable connector	Description
02 <u>1/</u>	M28754/6-02	Contact tails on .100 centers.
03 <u>1/</u>	M28754/10-01	Contact tails on .050 centers.
04	M28754/6-04	Contact tails on .100 centers insulated pin shield.
05	M28754/10-03	Contact tails on .050 centers insulated pin shield.

1/ Inactive for new design. Use -04 and -05.

First article testing: Perform the applicable tests as specified in MIL-C-28754 and the appendix thereto.

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 previous issue.

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

MIL-A-8625
SAE-AMS-QQ-A-250

MIL-DTL-28754/7D

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:

DLA - CC

(Project 5935-2014-059)

Review activities:

Army – AR, MI
Navy – MC, YD
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/>.