

INCH-POUND

MIL-DTL-28754/73B
4 November 2015
SUPERSEDING
MIL-C-28754/73A
26 July 1991

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, MODULAR, CONNECTOR ASSEMBLY, TYPE IV, 100 CONTACT, DOUBLE SPAN, DIP

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.

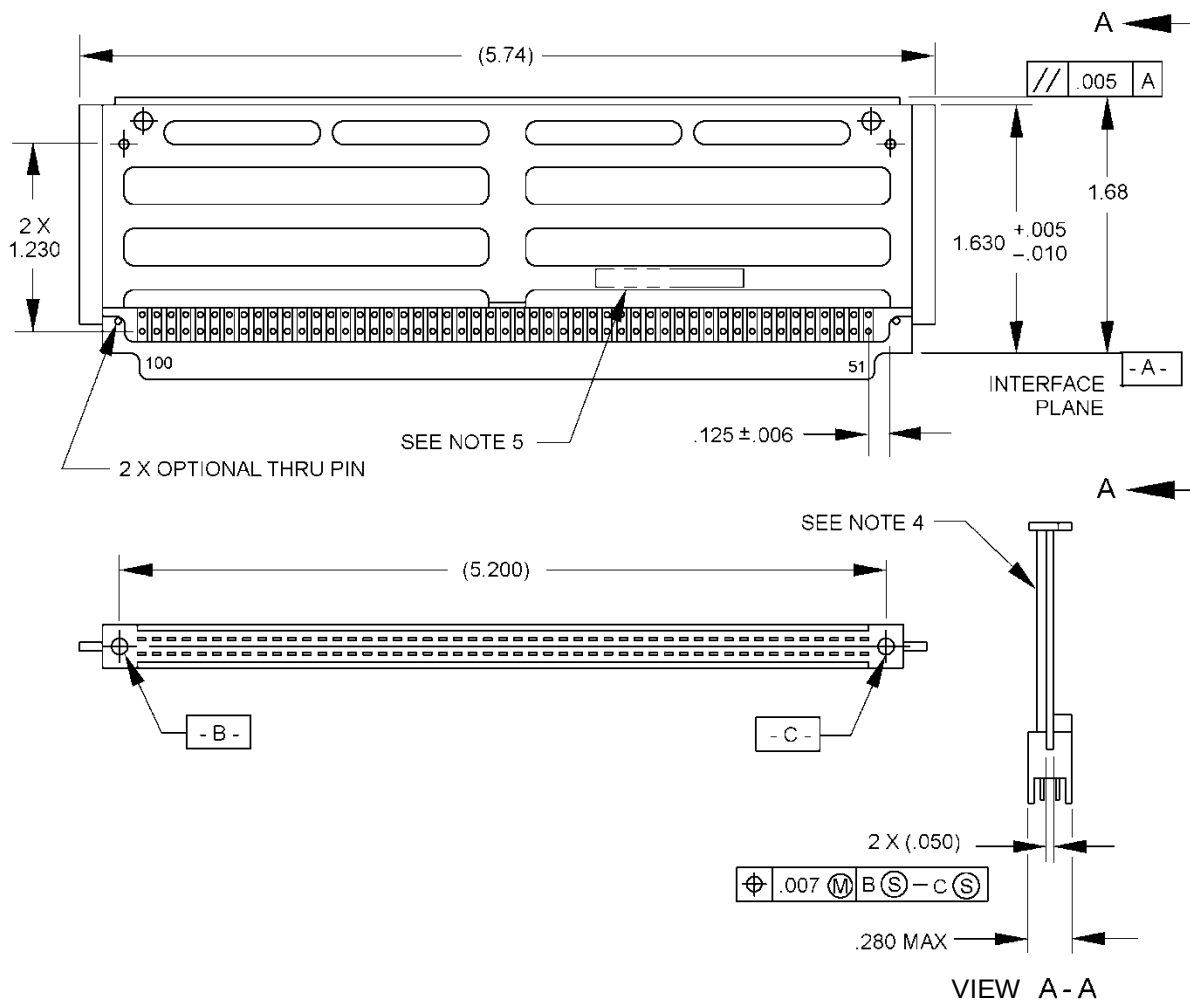


FIGURE 1. Dimensions and configurations.



MIL-DTL-28754/73B

Inches	mm	Inches	mm	Inches	mm
0.005	0.13	0.125	3.18	1.689	42.90
0.006	0.15	0.280	7.11	5.200	132.08
0.007	0.18	1.230	31.24	5.740	145.80
0.050	1.27	1.630	41.40		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only and are based upon 1.00 inch = 25.4 mm.
3. Unless otherwise specified, tolerances are $\pm .005$ (.13 mm) inch for three place decimals, $\pm .01$ (.3 mm) inch for two place decimals.
4. Flatness of frame MIL-DTL-28754/68- (applicable dash number) shall be maintained on the assembly.
5. Assembly shall be marked, in approximate location shown, in accordance with MIL-C-28754 using contrasting ink and characters 0.09 inch (2.3 mm) high.

FIGURE 1. Dimensions and configurations – continued.

MIL-DTL-28754/73B

REQUIREMENTS

Dimensions and configuration: See Figure 1 and Table I.

Separating force: The frame shall remain attached to the connector when subjected to a separating load of 40 pounds (178 N) applied for 30 seconds at a temperature of 257°F (125°C).

Part or Identification Number (PIN): M28754/73- (dash number from table I).

TABLE I. Dash number, connector and frame.

Dash number	Connector	Frame
01	MIL-DTL-28754/47-01	MIL-DTL-28754/68-01
02	MIL-DTL-28754/47-01	MIL-DTL-28754/68-02
03	MIL-DTL-28754/47-01	MIL-DTL-28754/68-03
04	MIL-DTL-28754/47-01	MIL-DTL-28754/68-04
05	MIL-DTL-28754/47-01	MIL-DTL-28754/68-05
06	MIL-DTL-28754/47-01	MIL-DTL-28754/68-06
07	MIL-DTL-28754/47-01	MIL-DTL-28754/68-07
08	MIL-DTL-28754/47-01	MIL-DTL-28754/68-08
09	MIL-DTL-28754/47-01	MIL-DTL-28754/68-09
10	MIL-DTL-28754/47-01	MIL-DTL-28754/68-10
11	MIL-DTL-28754/47-02	MIL-DTL-28754/68-01
12	MIL-DTL-28754/47-02	MIL-DTL-28754/68-02
13	MIL-DTL-28754/47-02	MIL-DTL-28754/68-03
14	MIL-DTL-28754/47-02	MIL-DTL-28754/68-04
15	MIL-DTL-28754/47-02	MIL-DTL-28754/68-05
16	MIL-DTL-28754/47-02	MIL-DTL-28754/68-06
17	MIL-DTL-28754/47-02	MIL-DTL-28754/68-07
18	MIL-DTL-28754/47-02	MIL-DTL-28754/68-08
19	MIL-DTL-28754/47-02	MIL-DTL-28754/68-09
20	MIL-DTL-28754/47-02	MIL-DTL-28754/68-10
21	MIL-DTL-28754/47-03	MIL-DTL-28754/68-01
22	MIL-DTL-28754/47-03	MIL-DTL-28754/68-02
23	MIL-DTL-28754/47-03	MIL-DTL-28754/68-03
24	MIL-DTL-28754/47-03	MIL-DTL-28754/68-04
25	MIL-DTL-28754/47-03	MIL-DTL-28754/68-05
26	MIL-DTL-28754/47-03	MIL-DTL-28754/68-06
27	MIL-DTL-28754/47-03	MIL-DTL-28754/68-07
28	MIL-DTL-28754/47-03	MIL-DTL-28754/68-08
29	MIL-DTL-28754/47-03	MIL-DTL-28754/68-09
30	MIL-DTL-28754/47-03	MIL-DTL-28754/68-10

MIL-DTL-28754/73B

First article testing (FAT) information: The connector assembly shall meet the tests of MIL-C-28754 table IV, type IV, and this slash sheet.

Number of units to be inspected:

12 units of -02 will extend FAT approval to MIL-DTL-28754/47-01 and -01 thru -05.
12 units of -07 will extend FAT approval to MIL-DTL-28754/47-01 and -06 thru -10.
12 units of -12 will extend FAT approval to MIL-DTL-28754/47-02 and -11 thru -15.
12 units of -17 will extend FAT approval to MIL-DTL-28754/47-02 and -16 thru -20.
12 units of -22 will extend FAT approval to MIL-DTL-28754/47-03 and -21 thru -25.
12 units of -27 will extend FAT approval to MIL-DTL-28754/47-03 and -26 thru -30.
Evidence that -01, -03, -04, -05, -06, -08, -09, -10, -11, -13, -14, -15, -16, -18, -19, -20, -21, -23, -24, -25, -26, -28, -29 and -30 are manufactured must be provided with the FAT units.

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-DTL-28754/68

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:
DLA - CC

(Project 5935-2015-207)

Review activities:

Army – AR, MI
Navy – MC
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/>.