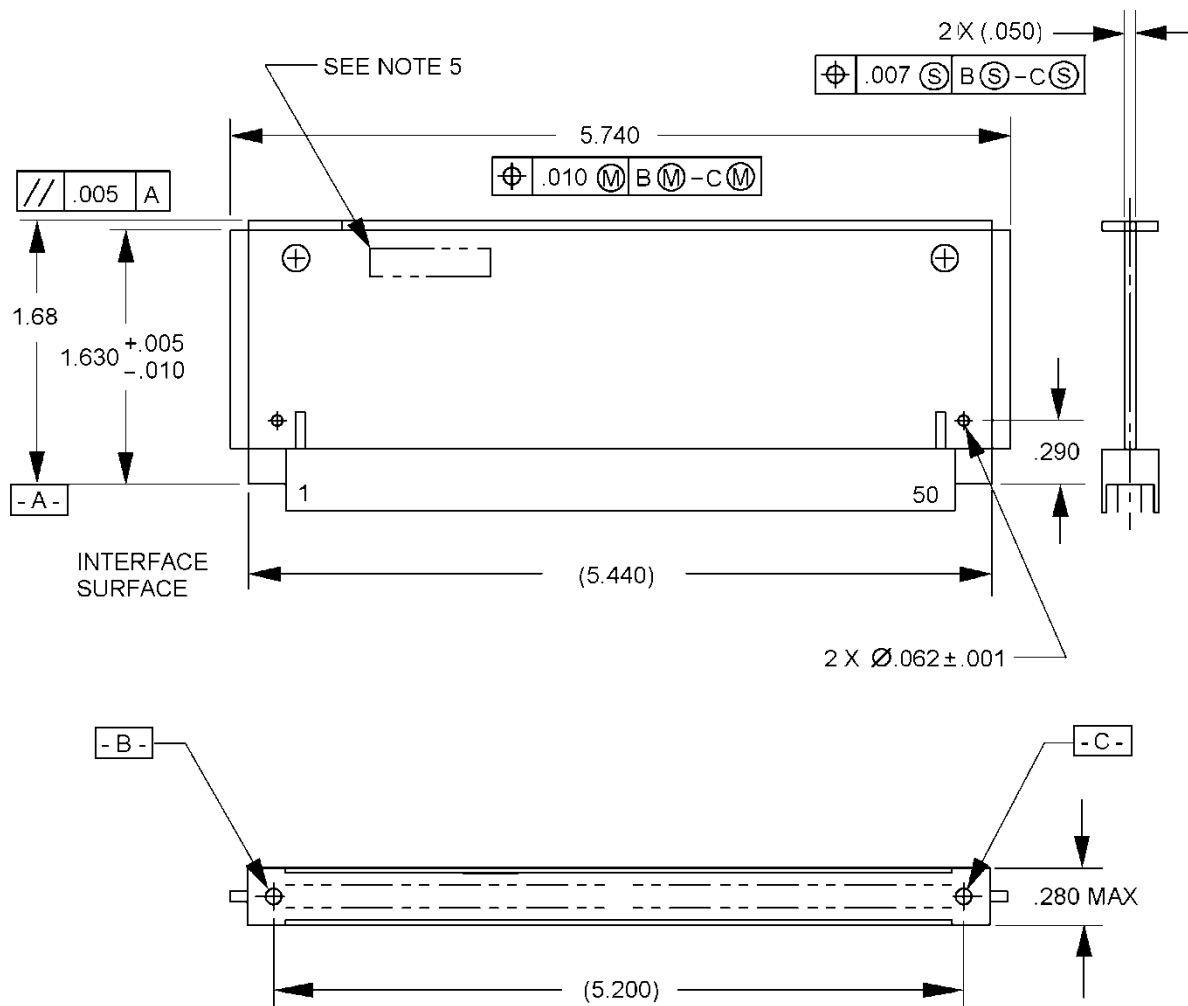


MIL-DTL-28754/74B
4 November 2015
SUPERSEDING
MIL-C-28754/74A
26 July 1991

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

The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-C-28754.



AMSC N/A



MIL-DTL-28754/74B

Inches	mm	Inches	mm	Inches	mm
0.001	0.03	0.062	1.58	5.440	137.16
0.005	0.13	0.280	7.11	5.740	145.80
0.007	0.18	0.290	7.37		
0.010	0.25	1.680	42.67		
0.050	1.27	5.200	132.08		

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 plus or minus 0.005 inch (0.13 mm) for three place decimals, and plus or minus 0.01 inch (0.3 mm) for two place decimals.
4. The carrier strips supplied as part of connector MIL-DTL-28754/59 (applicable dash number) or connector MIL-DTL-28754/61 (applicable dash number) shall remain attached.
5. Assembly shall be marked, in approximate location shown, in accordance with MIL-C-28754 using contrasting ink and characters 0.12 inch (3.1 mm) high.

FIGURE 1. Dimensions and configurations – Continued.

REQUIREMENTS:

Dimensions and configurations: 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 Identifying Number (PIN): M28754/74- (dash number from table I).

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

Number of units to be inspected: 12 units each of -01, -02, -03, -04, -05, -06, -07, -08, -09, -10, -11, -12, -13, -14, -15, -16, -17 and -18, will extend FAT approval to dash numbers of -19 thru -36 and -37 thru -54. For additional FAT approvals dash numbers using the connector of the initial 12 units, only 4 units each shall be inspected.

MIL-DTL-28754/74B

TABLE I. Dash number, connector and frame.

Dash number	Connector	Frame
01	MIL-DTL-28754/59-02	MIL-DTL-28754/67-01
02	MIL-DTL-28754/59-08	MIL-DTL-28754/67-01
03	MIL-DTL-28754/61-02	MIL-DTL-28754/67-01
04	MIL-DTL-28754/61-08	MIL-DTL-28754/67-01
05	MIL-DTL-28754/60-01	MIL-DTL-28754/67-01
06	MIL-DTL-28754/62-01	MIL-DTL-28754/67-01
07	MIL-DTL-28754/59-04	MIL-DTL-28754/67-01
08	MIL-DTL-28754/59-10	MIL-DTL-28754/67-01
09	MIL-DTL-28754/61-04	MIL-DTL-28754/67-01
10	MIL-DTL-28754/61-10	MIL-DTL-28754/67-01
11	MIL-DTL-28754/60-02	MIL-DTL-28754/67-01
12	MIL-DTL-28754/62-02	MIL-DTL-28754/67-01
13	MIL-DTL-28754/59-06	MIL-DTL-28754/67-01
14	MIL-DTL-28754/59-12	MIL-DTL-28754/67-01
15	MIL-DTL-28754/61-06	MIL-DTL-28754/67-01
16	MIL-DTL-28754/61-12	MIL-DTL-28754/67-01
17	MIL-DTL-28754/60-03	MIL-DTL-28754/67-01
18	MIL-DTL-28754/62-03	MIL-DTL-28754/67-01
19	MIL-DTL-28754/59-02	MIL-DTL-28754/67-02
20	MIL-DTL-28754/59-08	MIL-DTL-28754/67-02
21	MIL-DTL-28754/61-02	MIL-DTL-28754/67-02
22	MIL-DTL-28754/61-08	MIL-DTL-28754/67-02
23	MIL-DTL-28754/60-01	MIL-DTL-28754/67-02
24	MIL-DTL-28754/62-01	MIL-DTL-28754/67-02
25	MIL-DTL-28754/59-04	MIL-DTL-28754/67-02
26	MIL-DTL-28754/59-10	MIL-DTL-28754/67-02
27	MIL-DTL-28754/61-04	MIL-DTL-28754/67-02
28	MIL-DTL-28754/61-10	MIL-DTL-28754/67-02
29	MIL-DTL-28754/60-02	MIL-DTL-28754/67-02
30	MIL-DTL-28754/62-02	MIL-DTL-28754/67-02
31	MIL-DTL-28754/59-06	MIL-DTL-28754/67-02
32	MIL-DTL-28754/59-12	MIL-DTL-28754/67-02
33	MIL-DTL-28754/61-06	MIL-DTL-28754/67-02
34	MIL-DTL-28754/61-12	MIL-DTL-28754/67-02
35	MIL-DTL-28754/60-03	MIL-DTL-28754/67-02
36	MIL-DTL-28754/62-03	MIL-DTL-28754/67-02
37	MIL-DTL-28754/59-02	MIL-DTL-28754/67-03
38	MIL-DTL-28754/59-08	MIL-DTL-28754/67-03
39	MIL-DTL-28754/61-02	MIL-DTL-28754/67-03
40	MIL-DTL-28754/61-08	MIL-DTL-28754/67-03
41	MIL-DTL-28754/60-01	MIL-DTL-28754/67-03
42	MIL-DTL-28754/62-01	MIL-DTL-28754/67-03
43	MIL-DTL-28754/59-04	MIL-DTL-28754/67-03
44	MIL-DTL-28754/59-10	MIL-DTL-28754/67-03

TABLE I. Dash number, connector and frame – Continued.

Dash number	Connector	Frame
45	MIL-DTL-28754/61-04	MIL-DTL-28754/67-03
46	MIL-DTL-28754/61-10	MIL-DTL-28754/67-03
47	MIL-DTL-28754/60-02	MIL-DTL-28754/67-03
48	MIL-DTL-28754/62-02	MIL-DTL-28754/67-03
49	MIL-DTL-28754/59-06	MIL-DTL-28754/67-03
50	MIL-DTL-28754/59-12	MIL-DTL-28754/67-03
51	MIL-DTL-28754/61-06	MIL-DTL-28754/67-03
52	MIL-DTL-28754/61-12	MIL-DTL-28754/67-03
53	MIL-DTL-28754/60-03	MIL-DTL-28754/67-03
54	MIL-DTL-28754/62-03	MIL-DTL-28754/67-03

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-28754/59
MIL-DTL-28754/61

CONCLUDING MATERIAL

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

Preparing activity:
DLA - CC

(Project 5935-2015-208)

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/>.