

INCH-POUND

MIL-DTL-28754/52B

22 April 2021

SUPERSEDING

MIL-C-28754/52A

w/AMENDMENT 1

11 May 1984

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, MODULAR, HOUSING, CONNECTOR ASSEMBLY, STYLE I

Reinstated after 15 March 2021 and may be used
for new and existing designs and acquisitions.

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

The requirements for acquiring the housing described herein shall consist of this specification and the latest issue of MIL-DTL-28754.

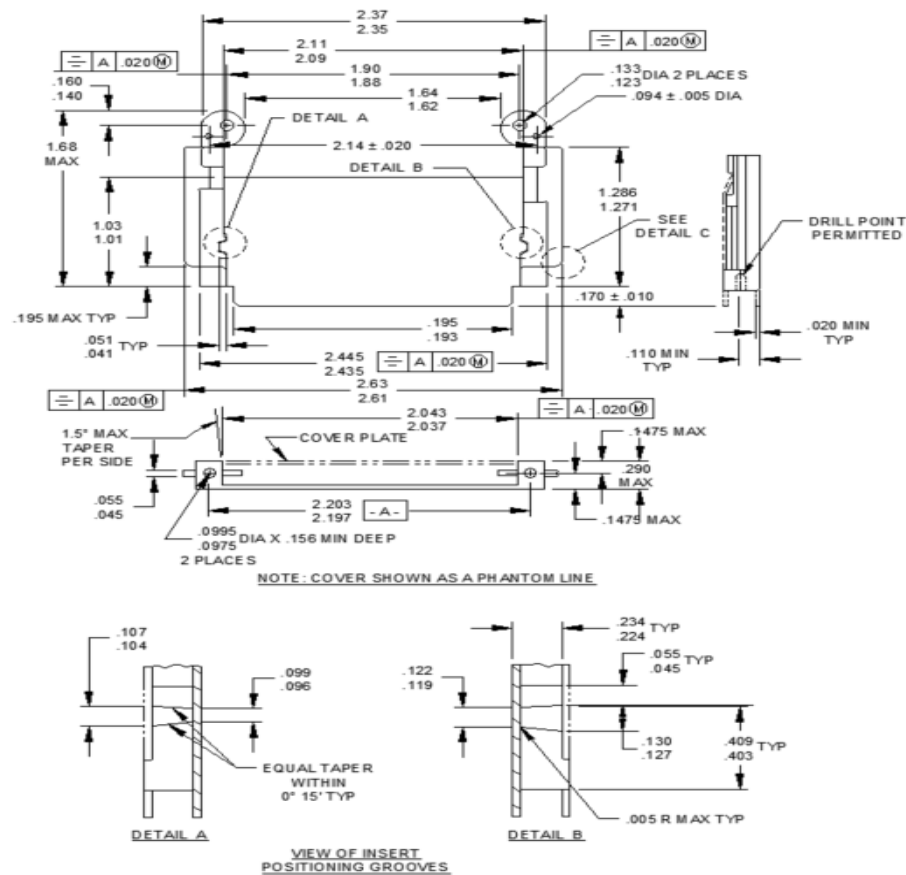


FIGURE 1. Dimensions and configurations

AMSC N/A

FSC 5935



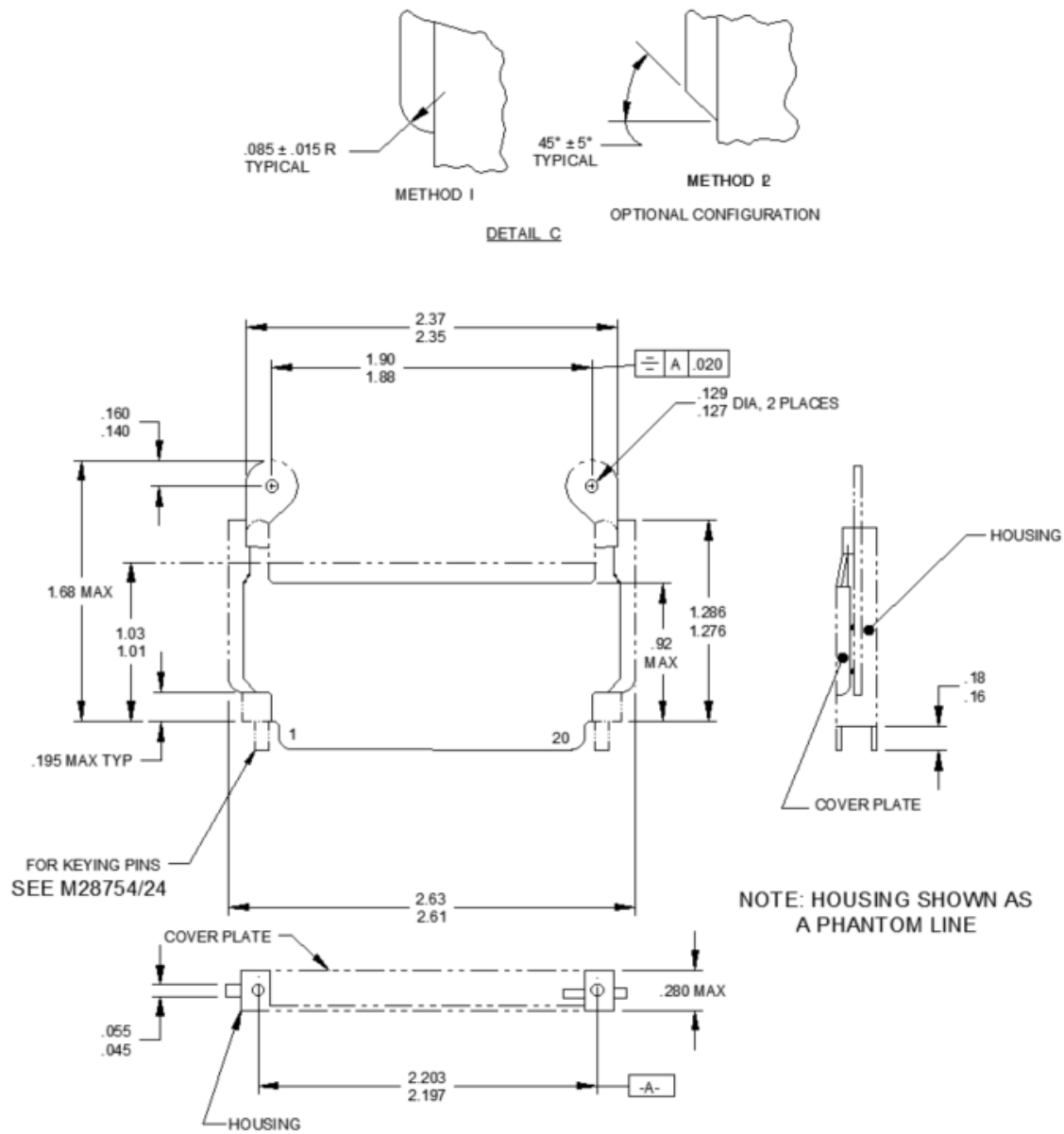


FIGURE 1. Dimensions and configurations – Continued.

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Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm	Inches	mm
.005	.13	.099	2.51	.130	3.30	.224	5.69	1.62	41.1	2.11	53.6
.010	.25	.0995	2.527	.133	3.38	.234	5.94	1.64	41.7	2.197	55.80
.015	.38	.104	2.64	.140	3.56	.290	7.37	1.68	42.7	2.203	55.96
.020	.51	.107	2.72	.141	3.58	.403	10.24	1.88	47.8	2.36	59.9
.045	1.14	.110	2.79	.1475	3.747	.409	10.39	1.90	48.3	2.37	60.2
.055	1.40	.119	3.02	.151	3.84	.92	23.4	1.93	49.0	2.435	61.9
.085	2.16	.122	3.10	.160	4.06	1.01	25.7	1.95	49.5	2.445	62.1
.094	2.39	.123	3.12	.170	4.32	1.03	26.2	2.031	51.59	2.61	66.3
.096	2.44	.127	3.23	.18	4.6	1.276	32.41	2.043	51.89	2.63	66.8
.0975	2.476	.129	3.28	.195	4.95	1.286	32.66	2.09	53.1		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Unless otherwise specified, tolerances are $\pm .005$ (.13 mm) for three place decimals, $\pm .01$ (.3 mm) for two place decimals and $\pm 2^\circ$ for angles.
4. Break sharp edges .005 (.13 mm) maximum.
5. Inside and outside corners .02 (.5 mm) R maximum unless otherwise specified.
6. Cover plate retained by snap down tangs.
7. Cover plate included with housing.

FIGURE 1. Dimensions and configurations – Continued.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Military part number: M28754/52-01.

This housing designed for use with MIL-DTL-28754/32.

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

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

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

MIL-DTL-28754/32

MIL-DTL-28754/52B

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:

DLA – CC

(Project 5935-2021-043)

Review activities:

Army - AR, MI
Navy - MC

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>.