DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, MODULAR, TYPE IV,
DOUBLE SPAN, CONNECTOR ASSEMBLY, (DIP FRAME)

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.
FIGURE 1. Dimensions and configurations – Continued.
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NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ±0.005 inch (0.13 mm) on three place decimals, ± 0.01 inch (0.3 mm) on two place decimals and ± 2° on angles.
4. Mark in this area in white characters, 0.06 inch (1.5 mm) high.
5. Top surface of the fin shall be flat for a minimum of 0.090 inch (2.29 mm) width along the total length.
6. Frame shall be flat within 0.006 inch (0.15 mm) TIR in area described by section A-A.
7. The frame shall be perpendicular to connector mating interface with plus 0.005 inch (0.13 mm) (solder tail side) minus 0.010 inch (0.25 mm) (opposite side).
8. Datum –B- is established by a plane passing through the center of the keying pin holes located by the 5.200 inch (132.08 mm) dimension.
9. The 0.037 inch (0.94 mm) plus or minus 0.003 inch (0.08 mm) dimension are measured from the Guide Rib Centerline.

FIGURE 1. Dimensions and configurations – Continued.
REQUIREMENTS:

Dimensions and configurations: See figure 1.


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

Military part number: M28754/9- (dash number from table I).

<table>
<thead>
<tr>
<th>Dash no.</th>
<th>Applicable connector</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01 1/</td>
<td>M28754/11-01</td>
<td>Uninsulated pin shield</td>
</tr>
<tr>
<td>02</td>
<td>M28754/11-02</td>
<td>Insulated pin shield</td>
</tr>
<tr>
<td>03</td>
<td>M28754/11-02</td>
<td>Insulated pin shield</td>
</tr>
<tr>
<td>04</td>
<td>M28754/11-03</td>
<td>Insulated pin shield</td>
</tr>
</tbody>
</table>

NOTE:

1/ Inactive for new design; use -02 for new design.

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 sheet are marked with asterisks to indicate where changes (additions, modifications, corrections, deletions) 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 last previous issue.

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

MIL-A-8625
SAE-AMS-QQ-A-250/8
CONCLUDING MATERIAL

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

Preparing activity:
DLA - CC
(Project 5935-2014-061)

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/.