DETAIL SPECIFICATION SHEET
CONNECTORS, ELECTRICAL, MODULAR, FRAME,
CASTING, TYPE IV, SINGLE SPAN

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.
### NOTES:
1. Dimensions are in inches.
2. Metric equivalents are given for information.
3. Mark on this area with white characters or raised cast characters .06 high, raised .01 maximum. No marking but Part or Identifying Number (PIN).
4. A line passing through the centers of the two .0985 ± .0010 diameter holes establishes -B-.
5. All surfaces to have 125 micro inch finish unless otherwise specified.
6. Surfaces indicated by shall be coated with a chemical film on both near and far sides.
7. Unless otherwise specified, tolerance is ± .005 on three place decimals, ± .01 on two place decimals and ± 2° on angles.
8. Contact numbers 1, 20, 21 and 40 shall be marked on the pin shield in white characters, .06 inch high except as noted in table I.
9. Holes are not drilled through; drill points optional.
10. These 3 holes accommodate insert M28754/41-01 and screw M28754/40-01 which are not furnished with assembly and are applicable to M28754/22-01 through -03 only. For M28754/22-04 there are no holes, and no inserts and screws provided with the assembly.
11. Draft allowances shall remain within specified part tolerances.
12. All dimensional measurements shall be made with the part in a restrained position.

#### FIGURE 1. Dimensions and configurations – Continued.
REQUIREMENTS:

Dimensions and configuration: See figure 1.

Material: Aluminum alloy, casting, A03600 or A03800 in accordance with ASTM B85/B85M.

Surface treatment: Anodized parts shall be in accordance with MIL-A-8625, type II, class 2, black except surfaces indicated by shall be coated with a chemical film in accordance with MIL-DTL-5541, class 3.

Casting: Casting shall not show evidence of flashing or pin ejection marks exceeding above surface.

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

Military part number: M28754/22- (dash number from table I).

<table>
<thead>
<tr>
<th>TABLE I</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Dash no</td>
<td>01</td>
</tr>
<tr>
<td>Surface treatment</td>
<td>With anodize and chemical film</td>
</tr>
<tr>
<td>02</td>
<td>Without anodize, without chemical film, without any marking</td>
</tr>
<tr>
<td>03</td>
<td>With anodize, with chemical film, without any marking</td>
</tr>
<tr>
<td>04</td>
<td>See note 10</td>
</tr>
</tbody>
</table>

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
MIL-DTL-5541
ASTM B85/B85M
CONCLUDING MATERIAL

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

Preparing activity:  
DLA - CC  
(Project 5935-2014-074)

Review activities:  
Army AR, MI  
Navy – MC  
Air Force – 99

NOTE:  The activities 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.