DETAIL SPECIFICATION SHEET
CONNECTORS, ELECTRICAL, MODULAR, HOUSING

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. Unless otherwise specified, tolerances are ± 0.005 (.13 mm) for three place decimals, ± 0.01 (.3 mm) for two place decimals and ± 2° for angles.
4. Two surfaces to be in line within .02 inch (.05 mm).
5. Metric equivalents are given for information only and are based upon 1.00 inch = 25.4 mm.

![Diagram](image)

**FIGURE 1.** Dimensions and configurations – Continued.
MIL-DTL-28754/49A

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Material: ASTM B85/B85M, UNS number A03800, cast finish 125.

Finish: See table I.

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

Military part number: M28754/49- (dash number from table I).

<table>
<thead>
<tr>
<th>Dash number</th>
<th>Type</th>
<th>Finish</th>
<th>Marking</th>
<th>With detail A</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>A</td>
<td>Anodize per MIL-A-8625, type 2, dyed black</td>
<td>Mark characters .06 inch high with white epoxy ink</td>
<td>No</td>
</tr>
<tr>
<td>02</td>
<td>B</td>
<td>Anodize per MIL-A-8625, type 2, dyed red. Coat detail A in accordance with MIL-DTL-5541, class 3, type and grade optional.</td>
<td>Mark characters .06 inch high with black epoxy ink</td>
<td>Yes</td>
</tr>
<tr>
<td>03</td>
<td>C</td>
<td>Anodize per MIL-A-8625, type 2, dyed black. Coat detail A in accordance with MIL-DTL-5541, class 3, type and grade optional.</td>
<td>Mark characters .06 inch high with white epoxy ink</td>
<td>Yes</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.
MIL-DTL-28754/49A

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: Preparing activity:
Army – CR DLA – CC
Navy – AS
AF – 85 (Project 5935-2015-200)
DLA - CC

Review activities:
Army - MI
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/.