

INCH-POUND

MIL-DTL-28754/92A
w/Amendment 2
12 August 2026
SUPERSEDING
MIL-DTL-28754/92A
w/Amendment 1
2 May 2022

DETAIL SPECIFICATION SHEET

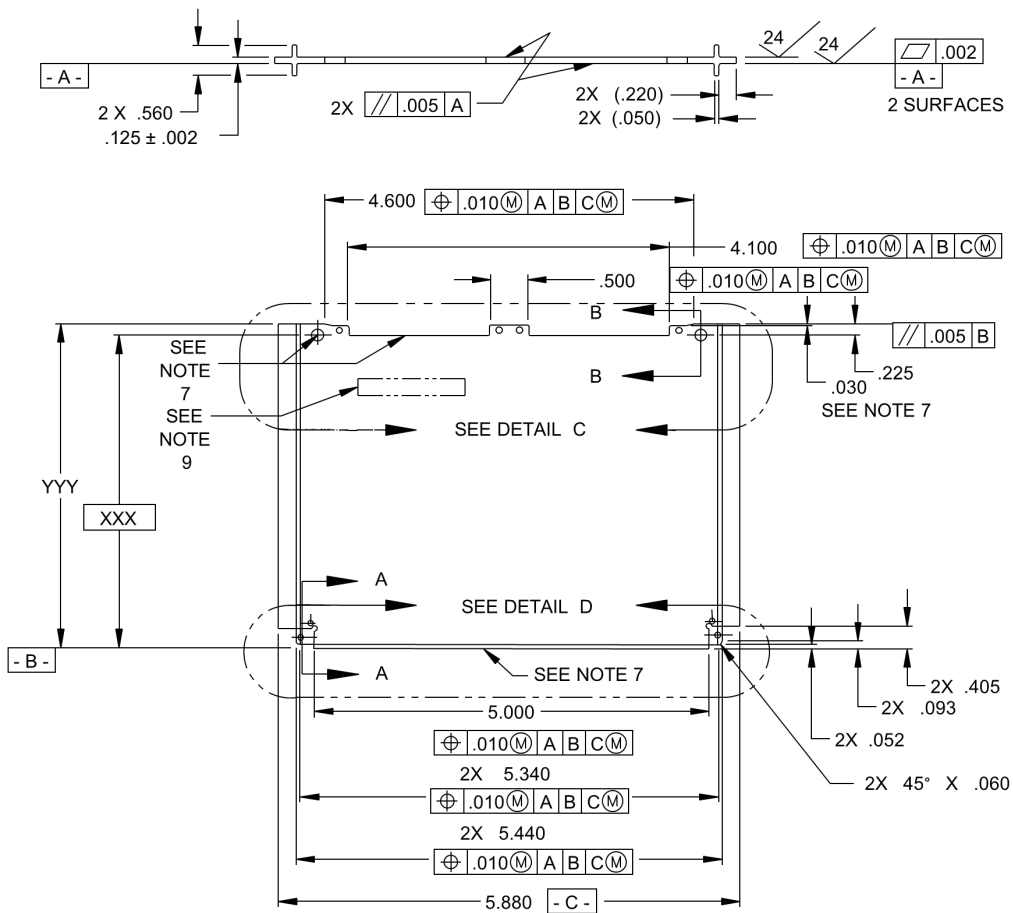
CONNECTORS, ELECTRICAL, MODULAR, CONNECTOR FRAME,
TYPE IV, CENTER FIN, 0.6 PITCH, FORMAT C AND E

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 and MIL-DTL-28754.



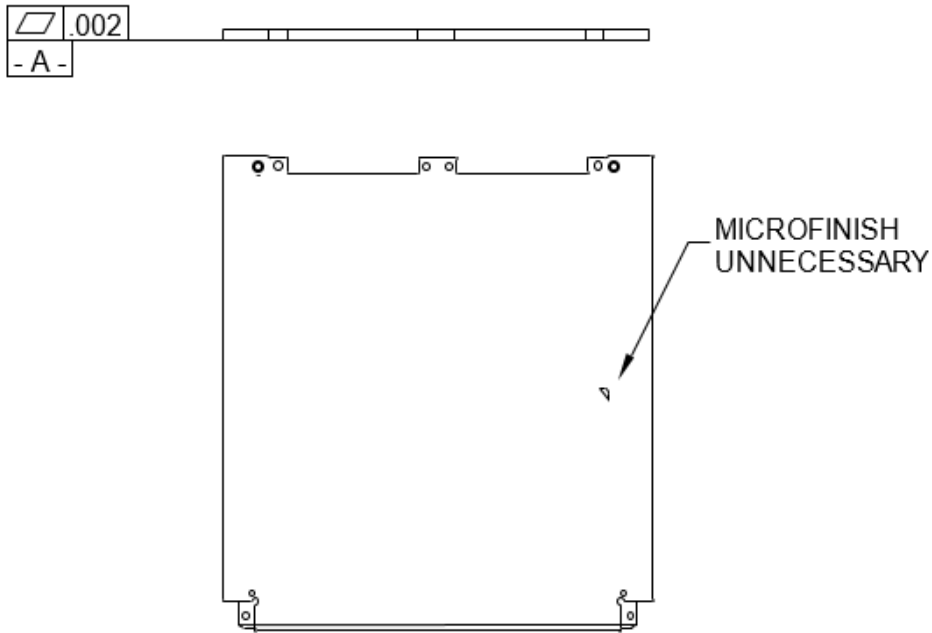
MIL-DTL-28754/92A
w/Amendment 2



CONFIGURATION FOR DASH NOs. 1 and 2

FIGURE 1. Dimensions and configurations.

MIL-DTL-28754/92A
w/Amendment 2



NOTE: DASH 3 THE SAME AS DASH 2 EXCEPT FOR LACK OF CROSS PIECES NEAR RIBS.

CONFIGURATION FOR DASH NO. 3

FIGURE 1. Dimensions and configurations – Continued.

MIL-DTL-28754/92A
w/Amendment 2

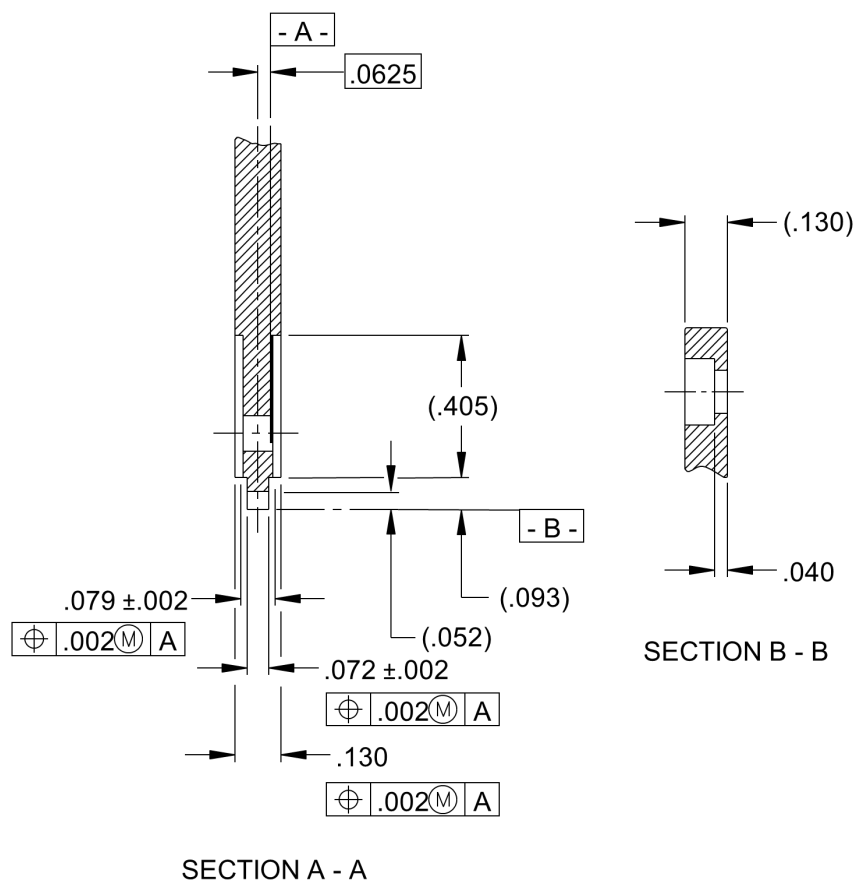
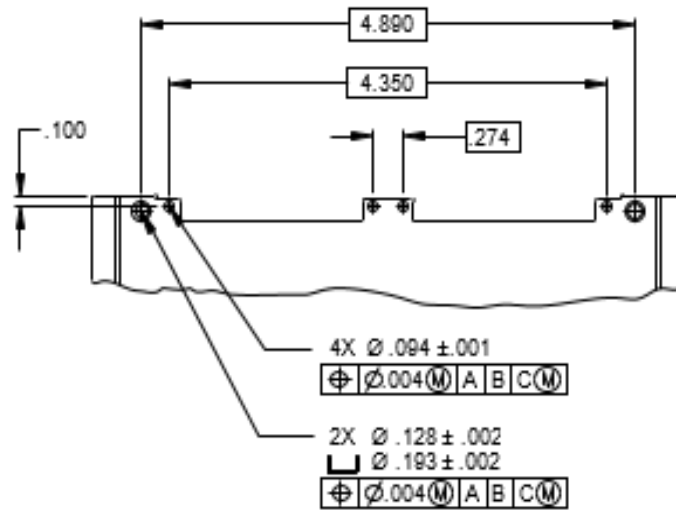
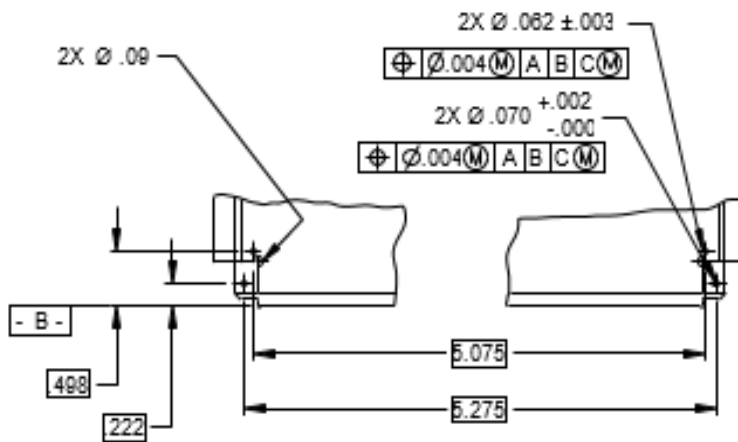


FIGURE 1. Dimensions and configurations – Continued.

MIL-DTL-28754/92A
w/Amendment 2



DETAIL C



DETAIL D

FIGURE 1. Dimensions and configurations – Continued.

MIL-DTL-28754/92A
w/Amendment 2

NOTES:

1. Dimensions are in inches.
2. Break all sharp corners and edges, 0.005 inch max.
3. Unless otherwise specified, tolerances are plus or minus 0.005 inch for three place decimals, plus or minus 0.01 inch for two place decimals and plus or minus 1° for angles.
4. Unless otherwise specified, all corner radii shall be 0.05 inch radius maximum.
5. Surface roughness shall be in accordance with ASME B46.1.
6. The frame must be straight and flat to meet the requirements of the drawing prior to plating. No straightening or bending is permitted after plating.
7. These points are designated as racking points. Anodize on the base material is not required.
8. Dimensional limits apply after plating.
9. Mark part number, revision letter, manufacturer's code ident CAGE and date code in 0.12 plus or minus 0.02 inch high gothic characters at approximate location shown. Use white epoxy ink, A-A-56032, II, and mark in accordance with MIL-STD-130.

FIGURE 1. Dimensions and configurations – Continued.

REQUIREMENTS:

Dimensions and configurations: See figure 1 and table I.

Material: Aluminum Alloy 6101, ASTM B317/B317M or SAE AMS4150, Aluminum Alloy 6061, T6, Extrusion.

Finish: Anodic coating, MIL-PRF-8625, type III, class 2, black.

Military part number: M28754/92- (dash number from table I).

TABLE I. Dash numbers.

DASH NO	FORMAT	DIMENSION "YYY"	DIMENSION "XXX"	CROSS PIECE
-1	C	3.670	3.520	YES
-2	E	6.290	6.140	YES
-3	E	6.290	6.140	NO

FAT information: The frame shall meet the following qualification tests of MIL-DTL-28754, table IV, type IV: Subgroup I, Visual and Mechanical Inspection; Subgroup II, Vibration, Visual and Mechanical Inspection; Subgroup III, Salt Spray, Visual and Mechanical Inspection; Subgroup IV, Shock, Fin/Header torque, Fin cantilever load, Rib strength, Visual and Mechanical inspection.

Number of units to be inspected: Twelve (12) units of each dash number shall be inspected according to FAT. See MIL-DTL-28754 Appendix for exceptions when inspecting similar parts.

Compatibility: This frame may be used with the connector described in MIL-DTL-28754/101.

MIL-DTL-28754/92A
w/Amendment 2

Supersession data: Supersedes Naval Air Systems Command Drawing Number SK-MEL-6211-1, -2
Code Identification Number 30003.

Qualification: Qualification is not required for this specification sheet.

First article testing (FAT): FAT shall be in accordance with MIL-DTL-28754 inspection.

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.

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

MIL-PRF-8625
MIL-DTL-28754/101
MIL-STD-130
ASME B46.1
ASTM B317/B317M
A-A-56032
SAE AMS4150

CONCLUDING MATERIAL

Custodian:
Navy - AS
DLA - CC

Preparing activity:
DLA - CC

(Project 5935-2026-035)

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>.