

INCH-POUND

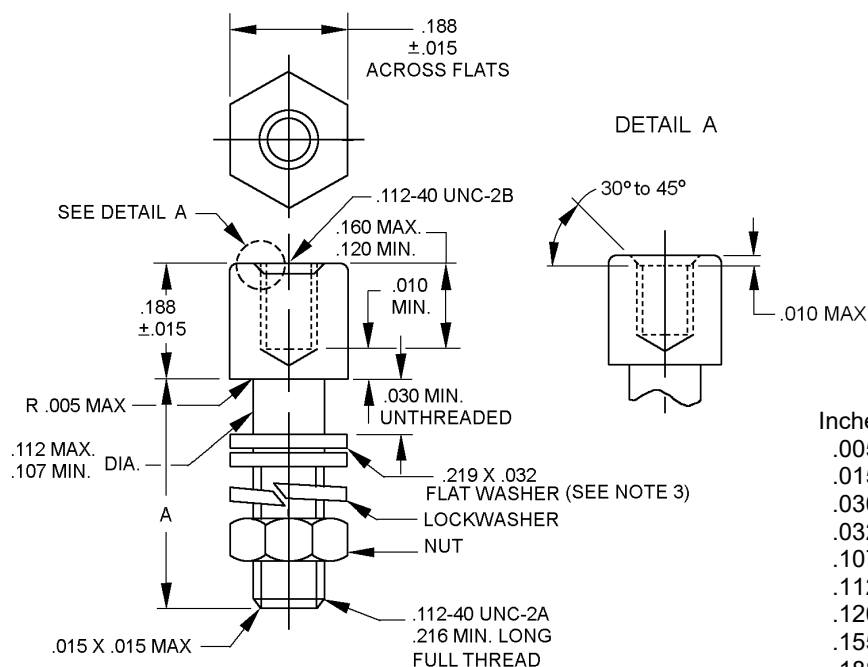
MIL-DTL-24308/26M
w/Amendment 1
6 February 2023
SUPERSEDING
MIL-DTL-24308/26M
6 July 2015

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRIC, RECTANGULAR, MINIATURE, POLARIZED SHELL, RACK AND PANEL, SCREW-LOCK ASSEMBLY, FEMALE

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-DTL-24308.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. When a connector using the alternate method of securing the shell (tab type) is front mounted, a supplied third flat washer shall be used as a spacer between the mounting surface and the connector.
4. Female screw-lock assembly supplied as an individual order, not by the pair.

FIGURE 1. Dimensions and configuration.

AMSC N/A

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FSC 5935



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REQUIREMENTS:

Dimensions and configuration: See figure 1.

Material: Cold rolled steel or corrosion resistant steel in accordance with ASTM A582/A582M.

Washer and lock washer: Cold rolled steel or corrosion resistant steel in accordance with ASTM A582/A582M or ASTM A666.

Finish: Cold rolled steel –

F = Yellow chromate over cadmium in accordance with SAE AMS-QQ-P-416 (see note 1).

Z = Electrodeposited zinc in accordance with ASTM F1941/F1941M, classification code optional except must be type AN or BN.

K = Zinc nickel alloy in accordance with ASTM B841 (Class or Grade optional, but must be type AN or BN), over a suitable underplate.

T = Nickel fluorocarbon polymer over a suitable underplate.

A = Pure aluminum in accordance with MIL-DTL-83488.

P = Corrosion resistant steel - Shall be passivated in accordance with SAE AMS2700, Method 1, Type 6 or 7. No post treatment.

NOTES:

1. Cadmium and hexavalent chromium are R1, R2, and D1 hazardous substances in the Aerospace and Defense Declarable Substance List.

Jackpost installation torque: 5 inch pounds min.
6 inch-pounds max.

Jackpost mating torque: 4 inch-pounds max.

Qualification requirements: See MIL-DTL-24308/25.

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Part or Identifying Number (PIN) example: M24308/26 - 1 F

Dash number, see table I

Finish

A = Pure electrodeposited aluminum
F = Cadmium
K = Zinc nickel
P = Passivated stainless steel
T = Nickel fluorocarbon polymer
Z = Zinc

TABLE I. Dash number.

Dash no.	A $\pm$.015
-1	.312
-2	.625

Amendment notations. The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. 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.

Referenced documents. In addition to MIL-DTL-24308, this document references the following:

MIL-DTL-24308/25
MIL-DTL-83488
ASTM A582/A582M
ASTM A666
ASTM B841
ASTM F1941/F1941M
SAE AMS-QQ-P-416
SAE AMS2700

CONCLUDING MATERIAL

Custodians:

Army - CR
Navy - EC
Air Force - 85
NASA - NA
DLA - CC

Preparing activity:
DLA - CC

(Project 5935-2023-012)

| Review activities:

Army - AT, CR4, MI
Navy - AS, CG, MC, SH

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/>.