

INCH-POUND

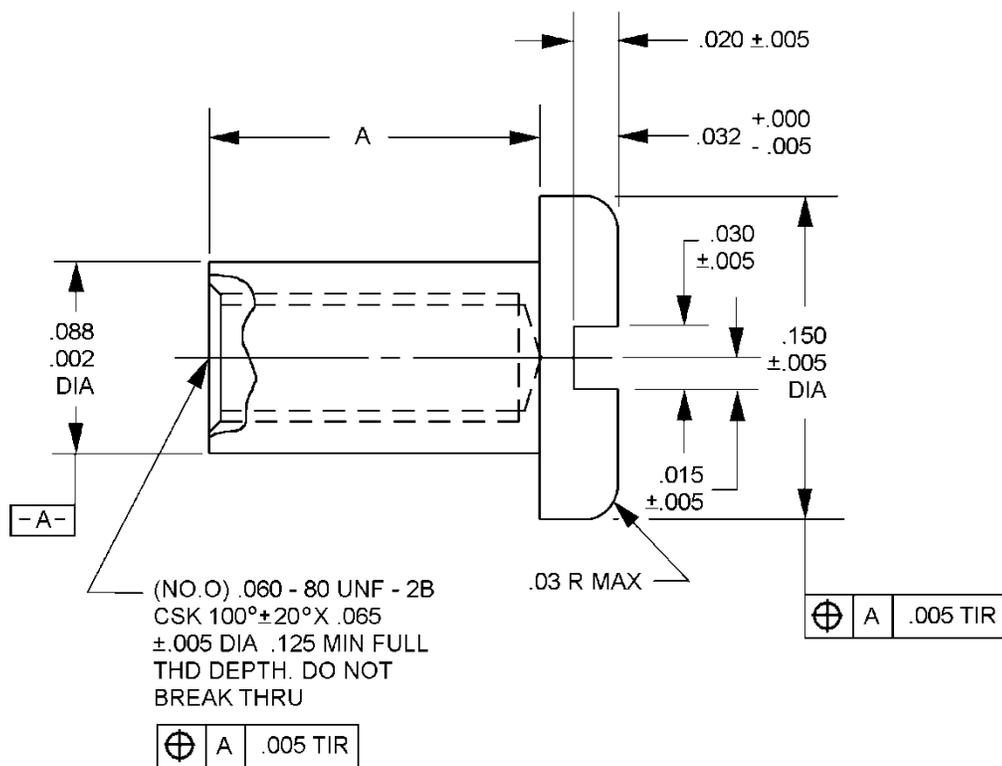
MIL-DTL-28754/41C
 14 May 2015
 SUPERSEDING
 MIL-C-28754/41B
 13 December 1982

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, MODULAR, TYPE IV,
 CONNECTOR ASSEMBLY, SCREW, INSERT

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.



Inches	mm	Inches	mm	Inches	mm
.002	.05	.030	.76	.125	3.18
.005	.13	.032	.81	.150	3.81
.010	.25	.060	1.52	.155	3.94
.015	.38	.065	1.65	.437	11.10
.020	.51	.088	2.24	.485	12.32
				1.344	34.14

FIGURE 1. Dimensions and configurations.



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NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only and are based upon 1.00 inch = 25.4 mm.
3. Break sharp edges .005 maximum.
4. Inside corners .010 radius maximum.
5. Unless otherwise specified, tolerances are $\pm .005$ (.13 mm) for three place decimals, $\pm .01$ (.3 mm) for two place decimals and $\pm 2^\circ$ for angles.

FIGURE 1. Dimensions and configurations - Continued.

REQUIREMENTS:

Dimensions and configuration: See table I and figure 1.

Applicable connector assembly: See table I.

Material: UNS no. S30300 or S30323 in accordance with ASTM A581/A581M or ASTM A582/A582M, passivate in accordance with SAE-AMS2700.

Marking: In accordance with MIL-C-28754.

Part or Identifying Number (PIN) M28754/41- (dash number from table I).

TABLE I. Dash numbers and dimensions.

Part no.	A +.000 -.000	Used with
M28754/41-01	.155	MIL-DTL-28754/21 MIL-DTL-28754/22 MIL-DTL-28754/23
M28754/41-02	.437	MIL-DTL-28754/23
M28754/41-03	1.344	
M28754/41-04	.485	MIL-DTL-28754/23

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.

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

MIL-DTL-28754/21
MIL-DTL-28754/22
MIL-DTL-28754/23
ASTM A581/A581M
ASTM A582/A582M
SAE-AMS2700

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:
DLA - CC

(Project 5935-2015-130)

Review activities:

Army – AR, MI
Navy – MC, YD
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/>.