

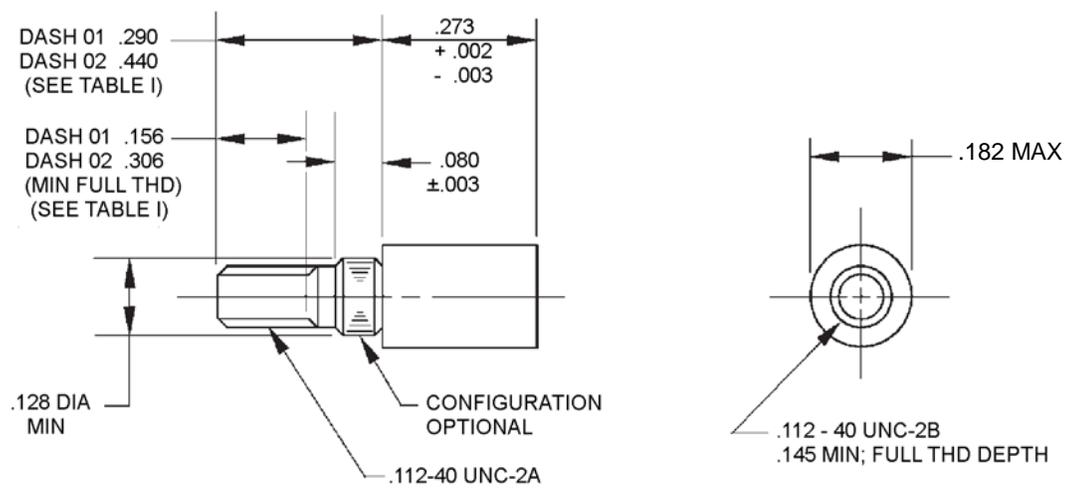
MIL-DTL-55302/172A
 15 April 2013
 SUPERSEDING
 MIL-C-55302/172(USAF)
 16 January 1985

DETAIL SPECIFICATION SHEET

CONNECTORS, PRINTED CIRCUIT SUBASSEMBLY AND ACCESSORIES:
 HARDWARE, COUPLING AND LOCKING

This specification is approved for use by all Departments and Agencies of the Department of Defense.

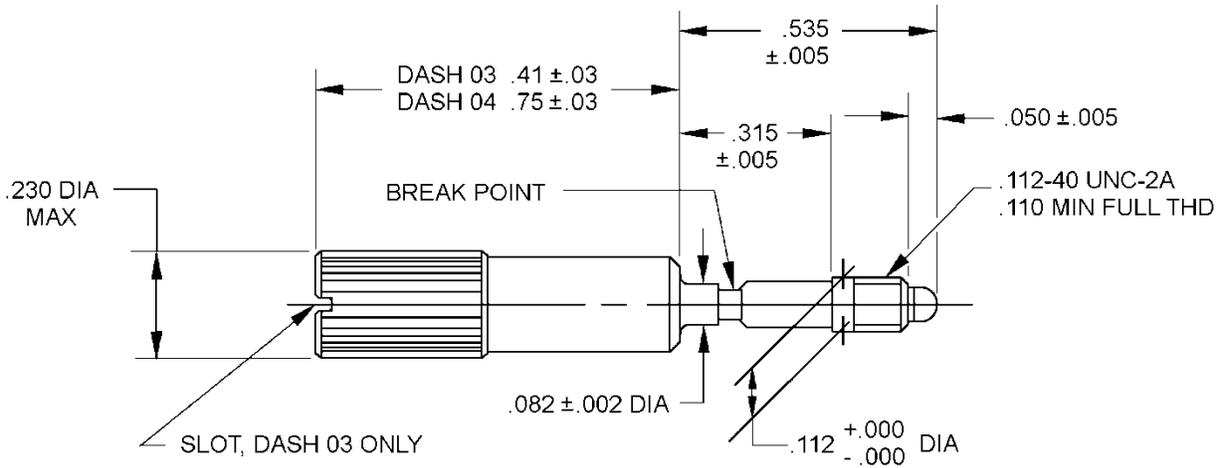
The requirements for acquiring the product described herein shall consist of this specification sheet and MIL-DTL-55302.



Inches	mm	Inches	mm
.002	0.05	.156	3.96
.003	0.08	.182	4.62
.080	2.03	.273	6.93
.112	2.84	.290	7.37
.128	3.25	.306	7.72
.145	3.68	.440	11.18

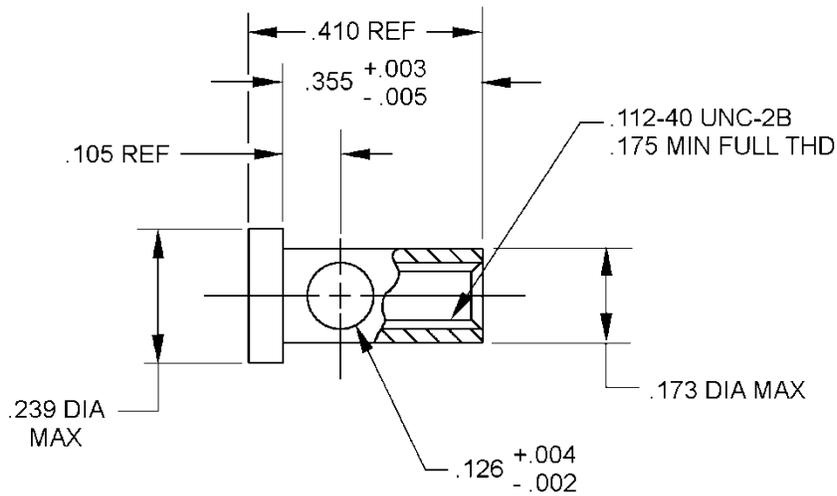
FIGURE 1. Coupling bushing.

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Inches	mm	Inches	mm
.000	0.00	.110	2.79
.002	0.51	.112	2.84
.003	0.08	.230	5.84
.005	0.13	.315	8.00
.03	0.8	.41	10.41
.050	1.27	.535	13.59
.082	2.08	.75	19.1

FIGURE 2. Locking screw.



Inches	mm	Inches	mm
.002	.051	.126	3.20
.003	0.08	.175	4.45
.004	0.10	.239	6.07
.005	0.13	.355	9.02
.105	2.67	.410	10.41
.112	2.84		

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.

FIGURE 3. Locking bushing.

Requirements:

Dimensions and configurations: See figures 1 through 3.

Material: Stainless steel in accordance with MIL-DTL-55302.

Part or Identifying Number (PIN): M55302/172-(dash number from table I)

Used in connectors: See table I.

User instructions: Each shipment of hardware shall include, as a minimum instructions for coupling/mounting bushing usage.

TABLE I. Dash numbers.

Dash number	Figure	Description	Used in connectors	Quantity required
01	1	Coupling bushing	MIL-DTL-55302/166 and MIL-DTL-55302/167	2
02	1	Coupling bushing	MIL-DTL-55302/166 and MIL-DTL-55302/167	2
03	2	Locking screw	MIL-DTL-55302/169	2
04	2	Locking screw	MIL-DTL-55302/169	2
05	3	Locking bushing	MIL-DTL-55302/168	2

CHANGES FROM PREVIOUS ISSUE: The margins of this specification are marked with vertical lines to indicate where changes from 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 last previous issue.

Referenced documents. In addition to MIL-DTL-55302, this document references the following:

MIL-DTL-55302/166
MIL-DTL-55302/167
MIL-DTL-55302/168
MIL-DTL-55302/169

CONCLUDING MATERIAL

Custodians:
Air Force – 85
DLA – CC

Preparing activity:
DLA - CC

(Project 5935-2013-070)

Review activities:
Air Force – 19, 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/>.