

INCH-POUND

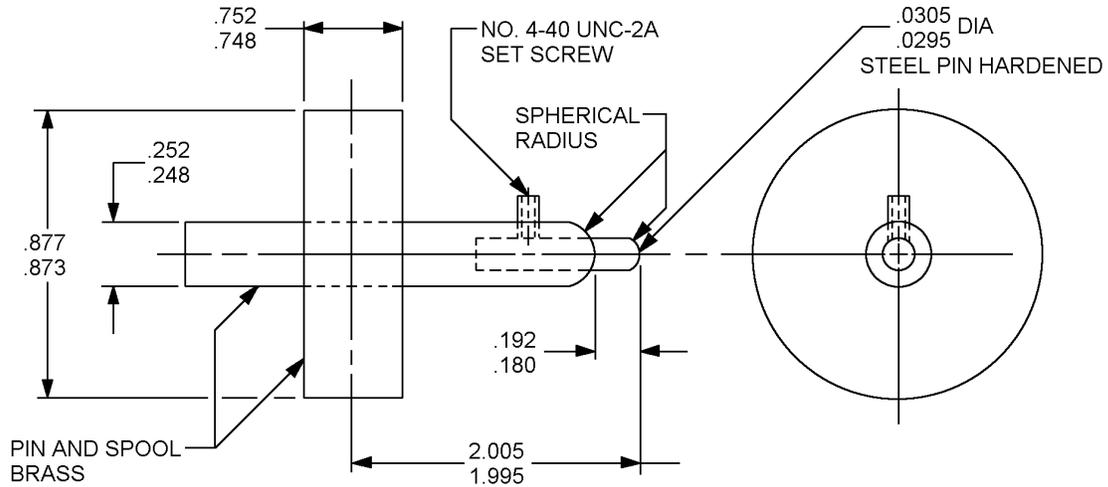
MIL-DTL-55302/30B
5 December 2003
SUPERSEDING
MIL-C-55302/30A
20 March 1972

DETAIL SPECIFICATION SHEET

CONNECTORS, PRINTED CIRCUIT SUBASSEMBLY AND ACCESSORIES:
TEST PROBE FIXTURE FOR RESISTANCE TO TEST PROBE DAMAGE

This specification is approved for used 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
.0295	0.75	.252	6.40
.0305	0.77	.748	19.00
.182	4.62	.752	19.10
.192	4.88	.873	22.17
.195	4.95	.877	22.28
.205	5.21	1.995	50.67
.248	6.30	2.005	50.93

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Fixture to be used on MIL-DTL-55302/24, MIL-DTL-55302/25 and MIL-DTL-55302/27.

FIGURE 1. Test probe fixture.

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REQUIREMENTS:

Dimensions and configuration: See figure 1.

Material: See figure 1.

Resistance to test probe damage: The test shall be performed on five contacts each connector, using the fixture shown on figure 1. The contacts measured shall be the same contacts tested for contact resistance and separation forces. With the weight in position for a 4 inch-ounce bending movement, insert the gage into a receptacle while the axis of the receptacle is in a horizontal position. With the fixture free and unsupported, rotate the connector 360 degrees about a horizontal axis, maintaining the receptacle in a horizontal position. After withdrawal of the fixture, the individual contacts shall meet the requirements for contact resistance of MIL-DTL-55302 and contact separation force of MIL-DTL-55302/29.

Part or Identifying Number (PIN): M55302/30-1.

Qualification and quality requirements are not applicable.

Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

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

MIL-DTL-55302/24
MIL-DTL-55302/25
MIL-DTL-55302/27
MIL-DTL-55302/29

CONCLUDING MATERIAL

Custodians:
Army - CR
Navy - EC
Air Force - 11
DLA - CC

Preparing activity:
DLA - CC
(Project 5935-4412-007)

Review activities:
Army -AT, AV, CR4, MI
Navy - AS, MC
Air Force - 19

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 www.dodssp.daps.mil.