

INCH-POUND

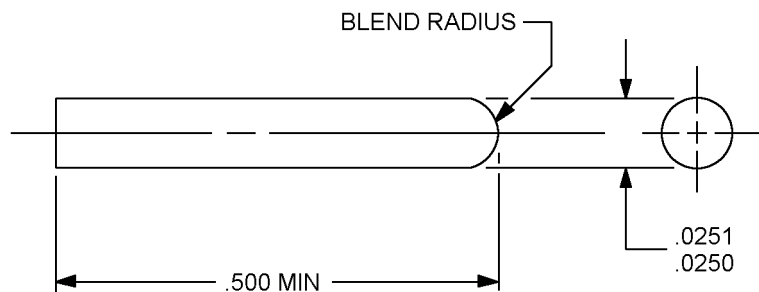
MIL-DTL-55302/29B
5 December 2003
SUPERSEDING
MIL-C-55302/29A
20 March 1972

DETAIL SPECIFICATION SHEET

CONNECTORS, PRINTED CIRCUIT SUBASSEMBLY AND ACCESSORIES: GAGE FOR CONTACT SEPARATION FORCE TEST METHOD

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
.250	0.64
.251	0.64
.500	12.70

MATERIAL: TOOL STEEL
FINISH: 2 to 10 MICROINCHES RMS

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for information only.
3. Unless otherwise specified, tolerances are ± 0.005 (0.13 mm).
4. Gage to be used on MIL-DTL-55302/24, MIL-DTL-55302/25 and MIL-DTL-55302/27.

FIGURE 1. Test gage.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Material: See figure 1.

Contact separation force: The female connector assemblies shall be supported and the test gage aligned with the individual receptacle contact. The gage shall be inserted into the receptacle and the force, applied gradually, remove the gage, measure, and record the force. Five random contacts shall be measured in each sample; they shall be the same contacts measured for termination resistance. The test gage shall be made in accordance with figure 1. The force to separate the gage shall not be less than 0.1 ounce

Part or Identifying Number (PIN): M55302/29-1.

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

CONCLUDING MATERIAL

Custodians:

Army - CR

Navy - EC

Air Force - 11

DLA - CC

Preparing activity:

DLA - CC

(Project 5935-4412-006)

Review activities:

Army - AR, AT, CR4, MI

Navy - AS, MC, SH

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.