

12 January 1981

SUPERSEDING

MIL-C-55302/98B(EL)

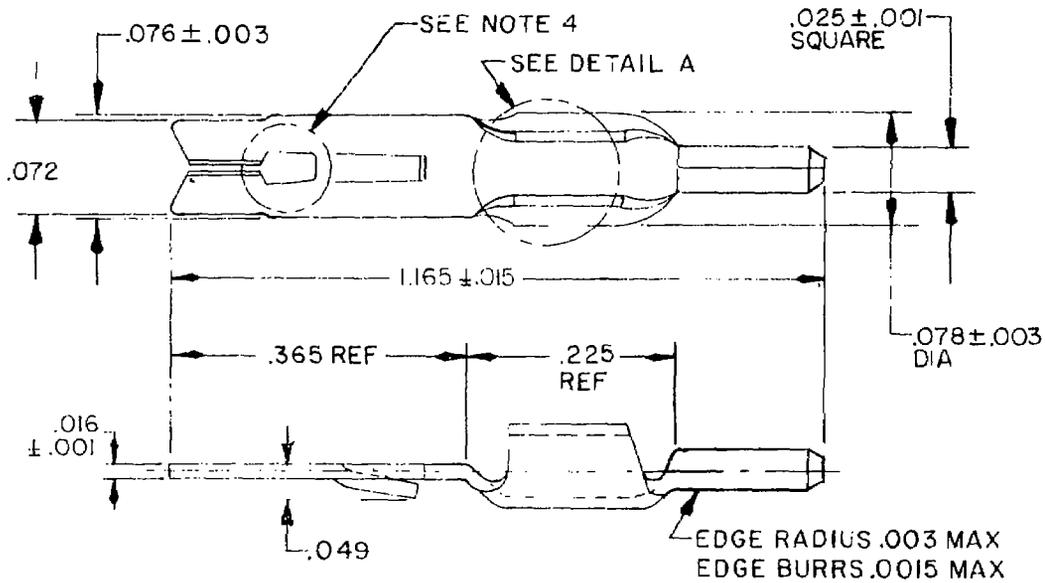
23 September 1977

## MILITARY SPECIFICATION SHEET

CONNECTORS, PRINTED CIRCUIT SUBASSEMBLY AND ACCESSORIES:  
CONTACT, WRAPPOST REMOVABLE TYPE

This specification sheet is approved for use by the Communications Research and Development Command, Department of the Army, and is available for use by all Departments and Agencies of the Department of Defense.

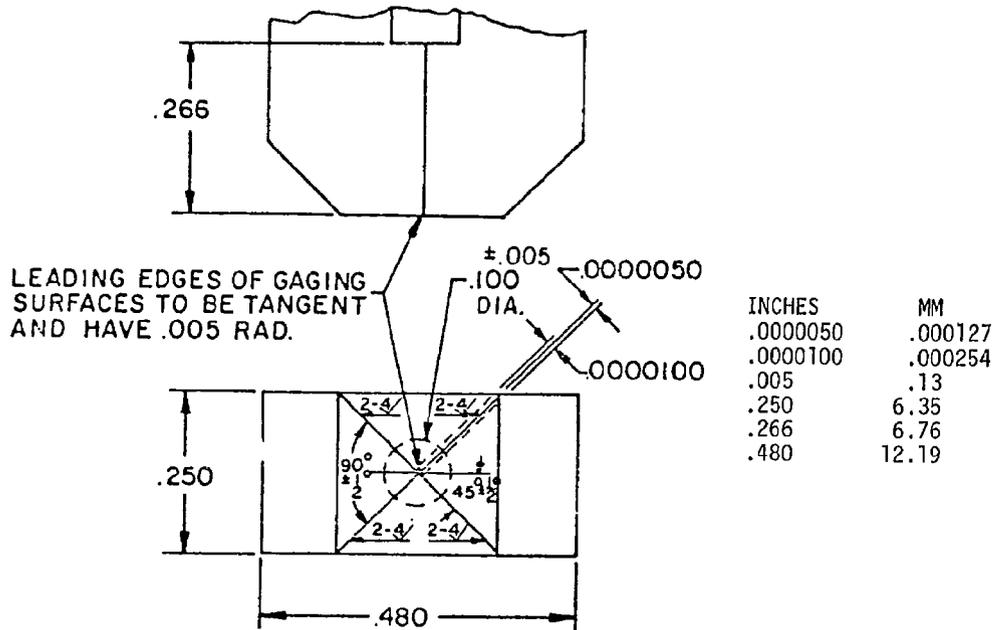
The complete requirements for procuring the contact described herein shall consist of this document and the latest issue of Specification MIL-C-55302.



INCHES	MM
.001	.03
.0015	.038
.003	.08
.015	.38
.016	.41
.025	.64
.049	1.24
.072	1.83
.076	1.93
.078	1.98
.225	5.72
.365	9.27
1.165	29.59

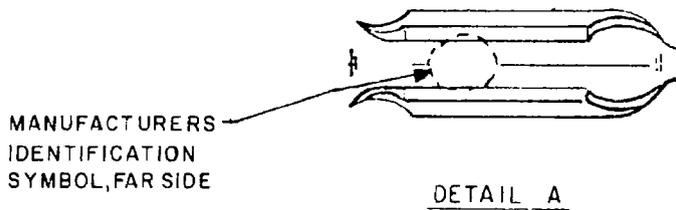
Ⓒ FIGURE 1. Contact, hermaphroditic, wrappost removable.

Ⓒ denotes changes



Material: Medium alloy steel bonded titanium carbide, rockwell-C-67-69

Configuration A, test gage.



Manufacturer's identification symbol shall be imprinted approximately as shown.

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Unless otherwise specified, tolerance shall be ±.005 (.13 mm). All dimensions are for parts after plating.
4. Contact relief hole configuration, optional.
5. Contact insertion and removal tool, MIL-T-81969/5-01 and MIL-T-81969/4-02.

© FIGURE 1. Contact, hermaphroditic, wrappost removable - Continued.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Material: Phosphor bronze per QQ-B-750, composition "A".

Plating: The contact plating shall be gold per MIL-G-45204, type II, grade D, class 1, over nickel plating per QQ-N-290, class 2, 30 to 150 microinches.

Contact separating force (see configuration A):

Polished steel gage from unplated contacts: 1 ounce minimum.

Plated gold over nickel contacts (contact to contact): 2 to 10 ounces.

Current rating: 3 amperes, 24 AWG wire.

Wire size: For .025 square wrappost, wire sizes 24, 26, 28 and 30 are recommended (see MIL-STD-1130).

Identification of contact:

Contacts shall be permanently imprinted with manufacturer's symbol for purpose of identifying manufacturer's product ( see detail A).

Application: Contacts are to be used with connectors MIL-C-55302/95 and MIL-C-55302/96, and MIL-C-55302/99 through MIL-C-55302/101.

Part number: M55302/98-01.

Wrappost shall be tested in accordance with the applicable connector specification sheet.

Custodian:  
Army - CR

Review activities:  
Army - AT, AV, MI  
DLA - ES

User activities:  
Army - AR, ME

Preparing activity:  
Army - CR

Agent:  
DLA - ES

(Project 5935-A141-8)