

MILITARY SPECIFICATION SHEET

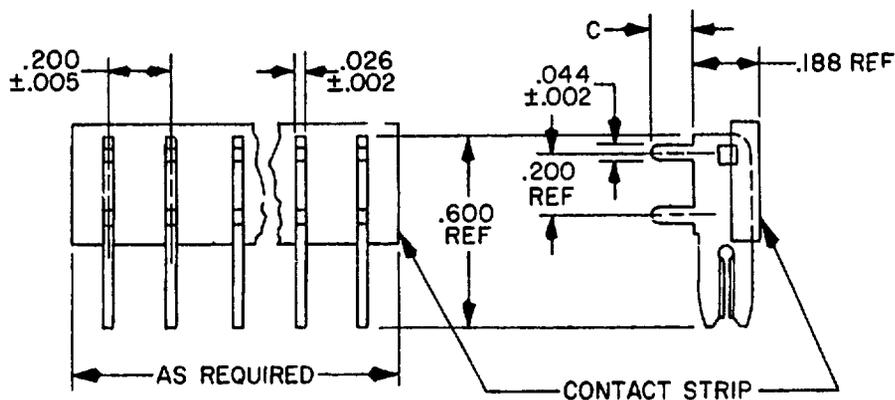
CONNECTORS, ELECTRICAL, PRINTED WIRING BOARD
 COMPOSITE, ADAPTER, CONTACT SPACING (.200),
 INDIVIDUAL CONTACTS, TYPE CS

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

The complete requirements for procuring the connectors described herein shall consist of this document and the latest issue of Specification MIL-C-21097.

NOT FOR USE IN NEW
 DESIGNS OF ARMY EQUIPMENT

Ⓔ THIS SPECIFICATION INACTIVE FOR NEW DESIGN
 AFTER 29 March 1976. USE MIL-C-21097/5.



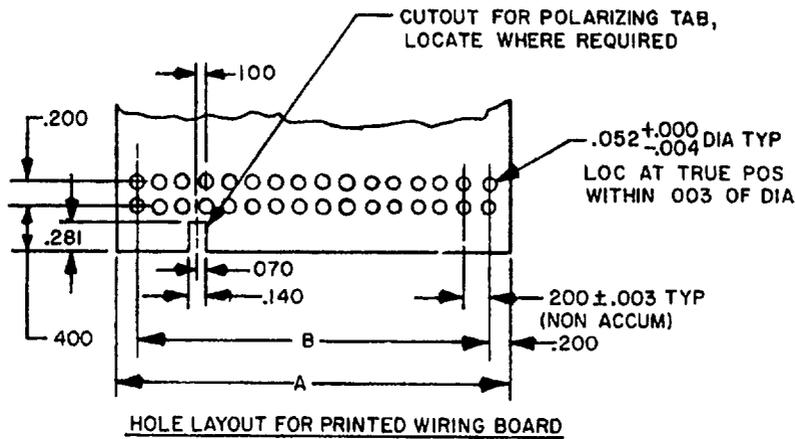
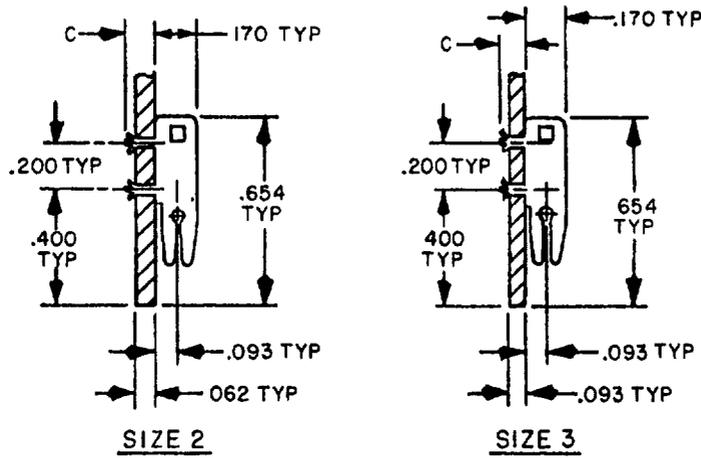
INCHES	MM
.002	.05
.005	.13
.026	.66
.044	1.12
.188	4.78
.200	5.08
.600	15.24

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is $\pm .010$ (.25 mm) for three place decimals.
3. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.

FIGURE 1. Contact strip.

Ⓔ Denotes changes



INCHES	MM	INCHES	MM
.003	.08	.140	3.56
.004	.10	.170	4.32
.052	1.32	.200	5.08
.062	1.57	.281	7.14
.070	1.78	.400	10.16
.093	2.36	.654	16.61
.100	2.54		

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is $\pm .010$ (.25 mm) for three place decimals.
3. Metric equivalents (to the nearest .01 mm) are given for general information only and are based upon 1 inch = 25.4 mm.

FIGURE 2. Application information only.

REQUIREMENTS:

Dimensions and configuration: See figure 1 and table I.

Polarizing keys: M21097/11-03 or M21097/11-04. A key is inserted into the card slot at even contact numbers 2, 4, 6, etc.

Mating receptacles: Shall conform to MIL-C-21097/2.

Printed wiring test boards: Shall conform to MIL-STD-275 and MIL-P-55110.

Finish: Gold plating per MIL-G-45204, type II, grade C, class 1, over nickel plating per QQ-N-290, class 2, 30 to 150 microinches.

Ⓔ Retention of qualification: Group A inspection only.

Part number: M21097/3-(dash number from table I).

TABLE I. Connector, electrical, composite, adapter, type CS, class b, no mounting provision.

Dash number	Style	Size	Dimensions (inches) ^{1/}		
			A (maximum)	B ±0.005 (0.13)	C ±0.010 (0.25)
01	12	2	2.620 (66.55)	2.200 (55.88)	.122 (3.10)
02	12	3	2.620 (66.55)	2.200 (55.88)	.153 (3.89)
03	15	2	3.220 (81.79)	2.800 (71.12)	.122 (3.10)
04	15	3	3.220 (81.79)	2.800 (71.12)	.153 (3.89)
05	18	2	3.820 (97.03)	3.400 (86.36)	.122 (3.10)
06	18	3	3.820 (97.03)	3.400 (86.36)	.153 (3.89)
07	22	2	4.620 (117.35)	4.200 (106.68)	.122 (3.10)
08	22	3	4.620 (117.35)	4.200 (106.68)	.153 (3.89)
09	26	2	5.420 (137.67)	5.000 (127.0)	.122 (3.10)
10	26	3	5.420 (137.67)	5.000 (127.0)	.153 (3.89)

^{1/} Millimeters are in parentheses.

Custodians:

Army - EL
Navy - EC
Air Force - 11

Preparing activity:

Navy - EC

Agent:

DSA - ES

(Project 5935-2057-2)

Review activities:

Army - MI
Navy - AS
Air Force -
DSA - ES

User activities:

Army - MU, ME, AV, AT, WC
Navy - SH, MC, OS
Air Force -

STANDARDIZATION DOCUMENT IMPROVEMENT PROPOSALOMB Approval
No. 22-R255

INSTRUCTIONS: The purpose of this form is to solicit beneficial comments which will help achieve procurement of suitable products at reasonable cost and minimum delay, or will otherwise enhance use of the document. DoD contractors, government activities, or manufacturers/vendors who are prospective suppliers of the product are invited to submit comments to the government. Fold on lines on reverse side, staple in corner, and send to preparing activity. Comments submitted on this form do not constitute or imply authorization to waive any portion of the referenced document(s) or to amend contractual requirements. Attach any pertinent data which may be of use in improving this document. If there are additional papers, attach to form and place both in an envelope addressed to preparing activity.

DOCUMENT IDENTIFIER AND TITLE

NAME OF ORGANIZATION AND ADDRESS

CONTRACT NUMBER

MATERIAL PROCURED UNDER A

 DIRECT GOVERNMENT CONTRACT SUBCONTRACT**1. HAS ANY PART OF THE DOCUMENT CREATED PROBLEMS OR REQUIRED INTERPRETATION IN PROCUREMENT USE?****A. GIVE PARAGRAPH NUMBER AND WORDING.****B. RECOMMENDATIONS FOR CORRECTING THE DEFICIENCIES****2. COMMENTS ON ANY DOCUMENT REQUIREMENT CONSIDERED TOO RIGID****3. IS THE DOCUMENT RESTRICTIVE?** YES NO (If "Yes", in what way?)**4. REMARKS**

SUBMITTED BY (Printed or typed name and address - Optional)

TELEPHONE NO.

DATE

DD FORM 1426
1 JAN 72

REPLACES EDITION OF 1 JAN 66 WHICH MAY BE USED

5/N 0102-014-1802

FOLD

DEPARTMENT OF THE NAVY
NAVAL ELECTRONIC SYSTEMS COMMAND
WASHINGTON, D.C. 20360

POSTAGE AND FEES PAID
NAVY DEPARTMENT
DOD 316

OFFICIAL BUSINESS

COMMANDER
NAVAL ELECTRONIC SYSTEMS COMMAND
DEFENSE STANDARDIZATION PROGRAM BRANCH
DEPARTMENT OF THE NAVY
WASHINGTON, D. C. 20360

FOLD