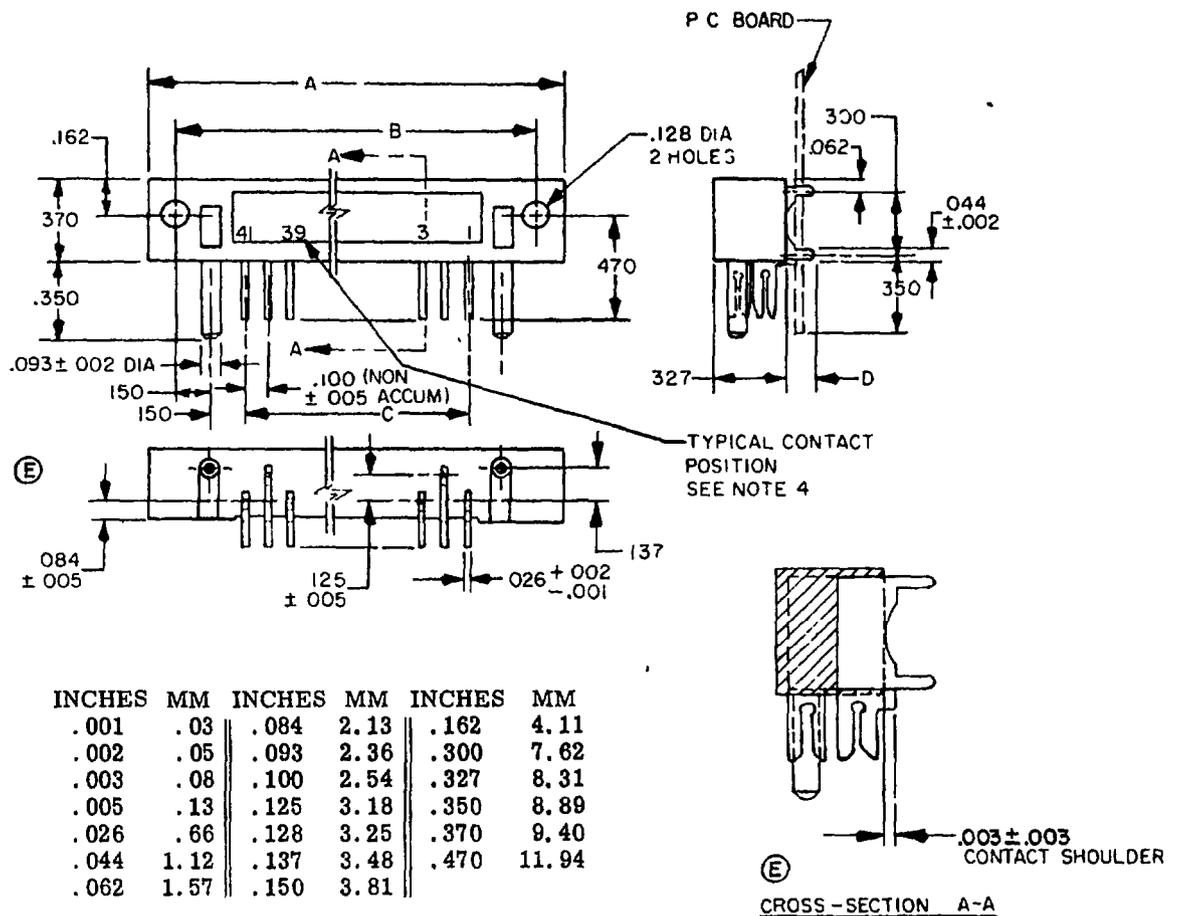


MILITARY SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, PRINTED WIRING BOARD
 MALE ADAPTER, CONTACT SPACING (.200) ALTERNATE
 DUAL ROW, TYPE CS

This specification is approved for use by all Department 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.

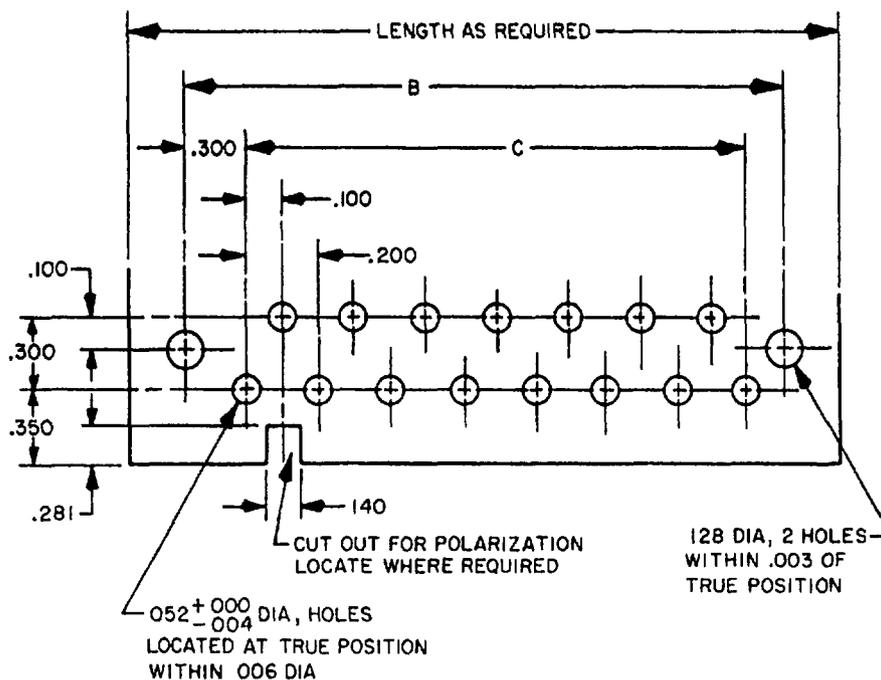


NOTES:

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.
4. Contacts shall be designated on the connector using numerals in the location shown

FIGURE 1. Alternate dual row contacts, type CS.

(E) denotes changes



INCHES	MM
.003	.08
.004	.10
.006	.15
.052	1.32
.100	2.54
.128	3.25
.140	3.56
.200	5.08
.281	7.14
.300	7.62
.350	8.89

NOTES:

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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. Printed circuit board mounting and hole pattern.

REQUIREMENTS:

Dimensions and configuration: See figure 1 and table I.

Mating receptacles: Shall conform to MIL-C-21097/4.

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

Part number: M21097/5- (dash number from table I).

TABLE I. Connector, electrical, male adapter, type CS, class b,
mounting provision A.

Dash number	Style	Size	Dimensions (inches) ^{1/}			
			A (maximum)	B ±0.015 (0.38)	C ±0.005 (0.13)	D ±0.010 (0.25)
01	17	2	2.470 (62.74)	2.200 (55.88)	1.600 (40.64)	.122 (3.10)
02	17	3	2.470 (62.74)	2.200 (55.88)	1.600 (40.64)	.153 (3.89)
03	23	2	3.070 (77.98)	2.800 (71.12)	2.200 (55.88)	.122 (3.10)
04	23	3	3.070 (77.98)	2.800 (71.12)	2.200 (55.88)	.153 (3.89)
05	29	2	3.670 (93.22)	3.400 (86.36)	2.800 (71.12)	.122 (3.10)
06	29	3	3.670 (93.22)	3.400 (86.36)	2.800 (71.12)	.153 (3.89)
07	35	2	4.270 (108.46)	4.000 (101.6)	3.400 (86.36)	.122 (3.10)
08	35	3	4.270 (108.46)	4.000 (101.6)	3.400 (86.36)	.153 (3.89)
09	41	2	4.870 (123.70)	4.600 (116.84)	4.000 (101.6)	.122 (3.10)
10	41	3	4.870 (123.70)	4.600 (116.84)	4.000 (101.6)	.153 (3.89)
11	47	2	5.470 (138.94)	5.200 (132.08)	4.600 (116.84)	.122 (3.10)
12	47	3	5.470 (138.94)	5.200 (132.08)	4.600 (116.84)	.153 (3.89)

^{1/} Millimeters are in parentheses.

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Air Force -

Preparing activity:

Navy - EC

Agent:

DSA - ES

(Project 5935-2057-4)



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