

INCH-POUND

MIL-DTL-21097/13C

18 August 2005

SUPERSEDING

MIL-C-21097/13B

14 July 1970

DETAIL SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, PRINTED WIRING BOARD COMPOSITE, RECEPTACLE, CONTACT SPACING: 0.200, ALTERNATE DUAL ROW, TYPE CR, REMOVABLE CONTACT

This specification is approved for use 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-21097.

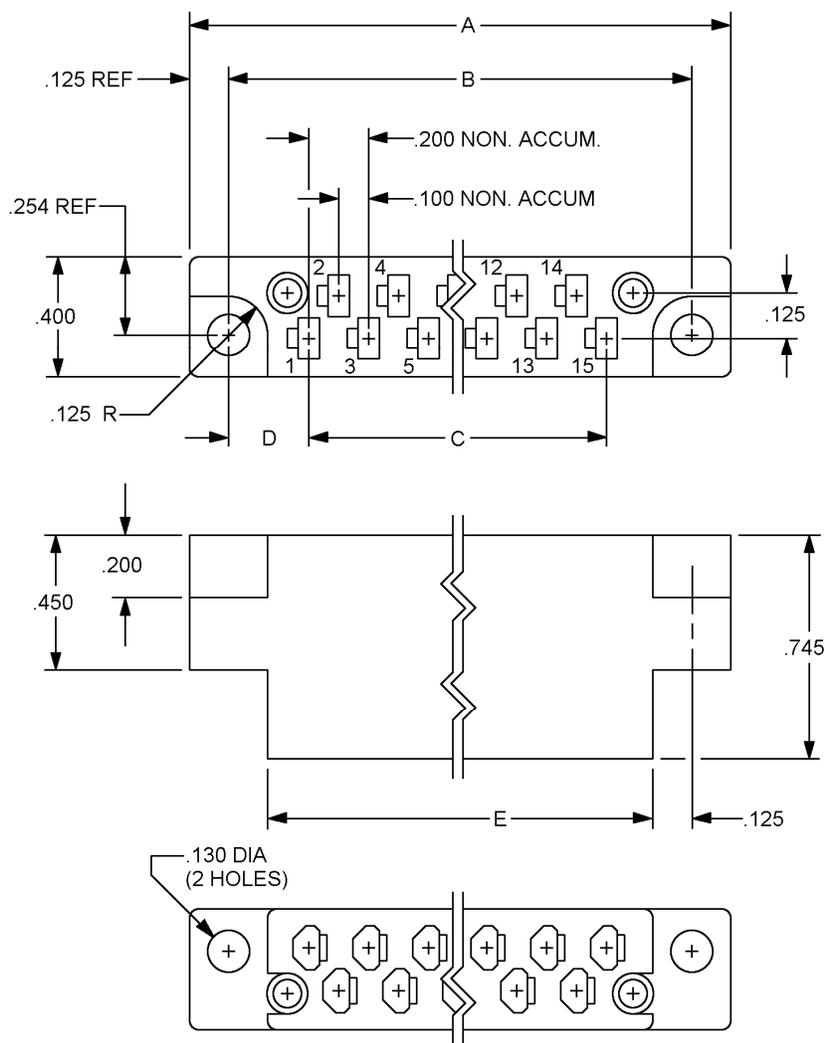


FIGURE 1. Type CR dual row contacts.

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Inches	mm
.100	2.54
.125	3.18
.130	3.30
.200	5.08
.254	6.45
.400	10.16
.450	11.43
.745	18.92

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is $\pm .005$ (.13 mm) for three place decimals.
3. Contacts and terminals shall be designated on the connector using raised numerals in the locations shown. The bottom designation shall correspond with the top designation in designation of the same contact.
4. Metric equivalents are given for information.

FIGURE 1. Type CR dual row contacts - Continued.

TABLE I. Connector, electrical, composite, receptacle, type CR, mounting provision A.

Dash number	Style	Dimensions (inches) ^{1/}				
		A (maximum)	B ± 0.007 (± 0.18)	C	D	E (maximum)
01	17	2.390 (60.71)	2.130 (54.10)	1.600 (40.64)	.265 (6.73)	1.897 (48.18)
02	23	2.990 (75.95)	2.730 (69.34)	2.200 (55.88)	.265 (6.73)	2.497 (63.42)
03	29	3.590 (91.19)	3.330 (84.58)	2.800 (71.12)	.265 (6.73)	3.097 (78.66)
04	35	4.190 (106.43)	3.930 (99.82)	3.400 (88.36)	.265 (6.73)	3.697 (93.90)
05	41	4.790 (121.67)	4.530 (115.06)	4.000 (101.60)	.265 (6.73)	4.297 (109.14)
06	47	5.623 (142.82)	5.363 (136.22)	4.600 (116.84)	.381 (9.68)	5.130 (130.30)

^{1/} Dimensions are in inches. Metric equivalents are given for information only.

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REQUIREMENTS

Dimensions and configuration: See figure 1 and table I.

Contacts for use with this connector: In accordance with MIL-DTL-21097/16 or MIL-DTL-21097/17.

Polarizing keys for use with this connector: Part or Identification Number (PIN): M21097/11-07.

Mating adapter: In accordance with MIL-DTL-21097/14 or MIL-DTL-21097/15.

Part or Identifying Number (PIN): Consists of the letter "M", the basic number of this specification sheet, and a dash number taken from table I.

Changes from previous issue. 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-21097, this document references the following:

- MIL-DTL-21097/14
- MIL-DTL-21097/15
- MIL-DTL-21097/16
- MIL-DTL-21097/17

CONCLUDING MATERIALS

Custodians:

- Army – CR
- Navy – EC
- Air Force – 11
- DLA – CC

Preparing activity:
DLA - CC

(Project 5935-4505-004)

Review activities:

- Army – AR, AT, AV, CR4, MI
- Navy – AS, MC, OS, SH

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 <http://assist.daps.dla.mil>.