

INCH-POUND

MIL-DTL-21097/13C
w/AMENDMENT 1
18 February 2025
SUPERSEDING
MIL-DTL-21097/13C
18 August 2005

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.

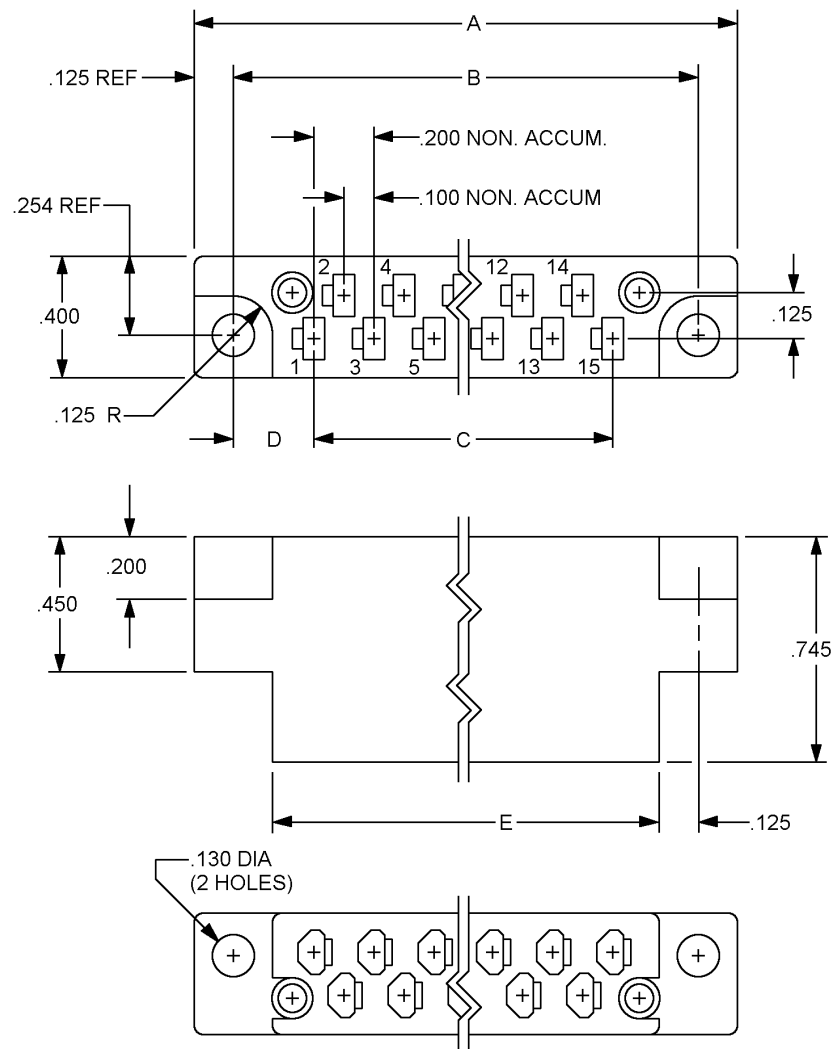


FIGURE 1. Type CR dual row contacts.

NOTES:

1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is $\pm .005$ 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.

FIGURE 1. Type CR dual row contacts - Continued.

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

Dash number	Style	Dimensions (inches)				
		A (maximum)	B ± 0.007	C	D	E (maximum)
01	17	2.390	2.130	1.600	.265	1.897
02	23	2.990	2.730	2.200	.265	2.497
03	29	3.590	3.330	2.800	.265	3.097
04	35	4.190	3.930	3.400	.265	3.697
05	41	4.790	4.530	4.000	.265	4.297
06	47	5.623	5.363	4.600	.381	5.130

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.

Amendment notations: The margins of this specification are marked with vertical lines to indicate modifications generated by this amendment. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations.

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 – 85
DLA – CC

Preparing activity:
DLA - CC

(Project 5935-2025-002)

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 <https://assist.dla.mil/>.