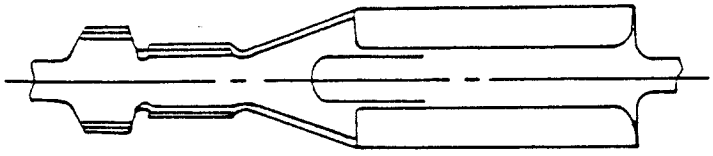
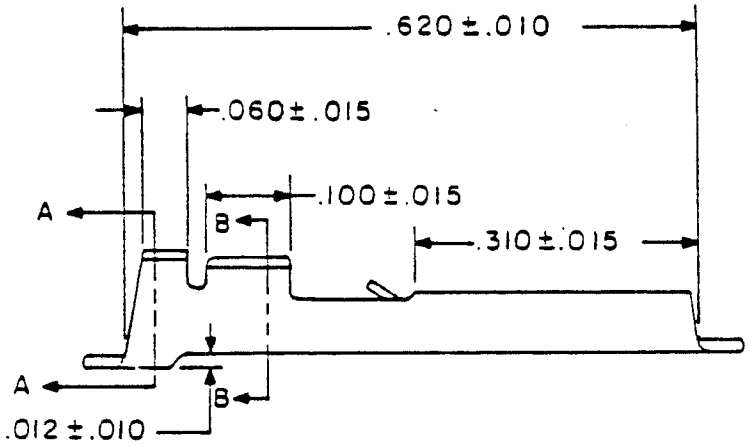
MILITARY SPECIFICATION SHEET

CONNECTORS, ELECTRICAL, PRINTED WIRING BOARD CONTACT, CRIMP, REMOVABLE, TYPE CR

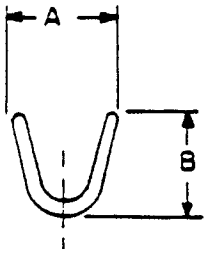
This specification is approved for use by all Departments and Agencies of the Department of Defense.

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

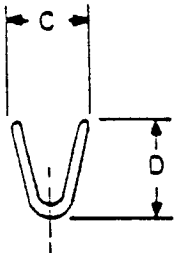




INCHES	MM
.010	.25
.012	.30
.015	.38
.060	1.52
.100	2.54
.310	7.87
.620	15.75



SECTION A-A



SECTION B-B

NOTES:
1. Dimensions are in inches.
2. Unless otherwise specified, tolerance is ±.015 (0.38 mm) for three place decimals.
3. Metric equivalents are given for general information only.
4. For field repair use contact specified on slash sheet 21097/17.

FIGURE 1. Crimp type contact.

FSC 5935

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:QUIREMENTS:

Dimensions and configuration: See figure 1 and table I.

Use: With connectors conforming to MIL-C-21097/13.

Individual contact engagement and separation forces: Dimensions of the gage shall be as shown on MIL-C1-21097/19.

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.

Contacts shall be crimped in accordance with manufacturer's recommended tooling.

Part number: M21097/16- (dash number from table I).

TABLE I. Contact - crimp type.

Dash number	Dimensions (inches) 1/				Wire size	Insulation diameter
	A ±0.015 (0.38)	B ±0.015 (0.38)	C ±0.15 (0.38)	D ±0.15 (0.38)		
01	.100 (2.54)	.090 (2.29)	.075 (1.91)	.060 (1.52)	#28- #24 AWG	.030 - .060 (0.76 - 1.52)
02	.125 (3.18)	.125 (3.18)	.075 (1.91)	.060 (1.52)	#28- #24 AWG	.050 - .078 (1.27 - 1.98)
03	.120 (3.05)	.111 (2.82)	.090 (2.29)	.080 (2.03)	#24- #20 AWG	.040 - .080 (1.02 - 2.03)
04	.165 (4.19)	.130 (3.30)	.120 (3.05)	.088 (2.24)	2- #22 or 2- #20 or 1- #18 AWG	2-.045-.072 or (1.14-1.83) 1-.075-.095 (1.91-2.41)

1/ Millimeters are in parentheses.

Custodians:
Army - EL
Navy - EC
Air Force - 17

Review activities:
Army - MI
Navy - AS
Air Force
DLA - ES

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

Preparing activity:
Navy - EC

Agent:
DLA - ES

(Project 5935-3507-2)