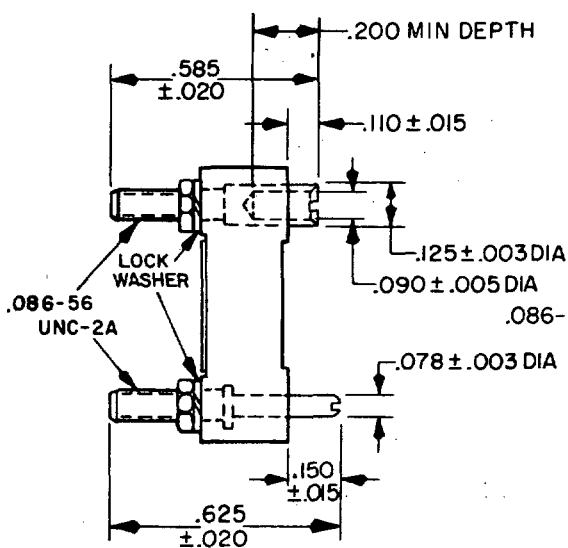
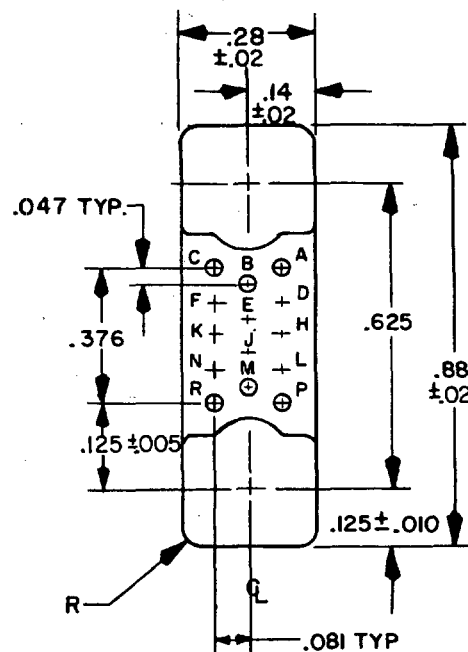
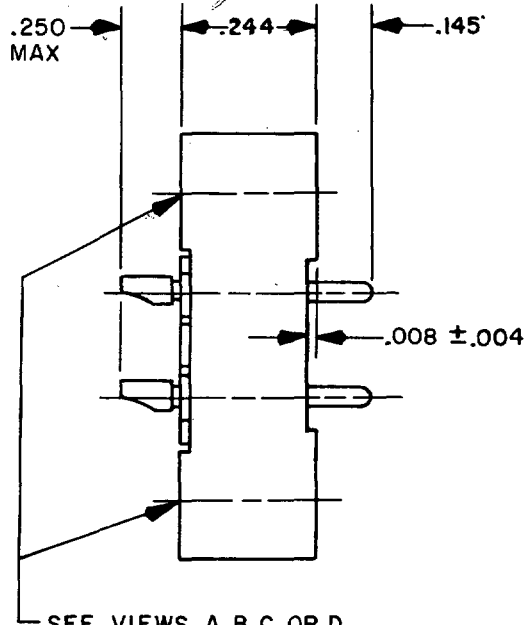
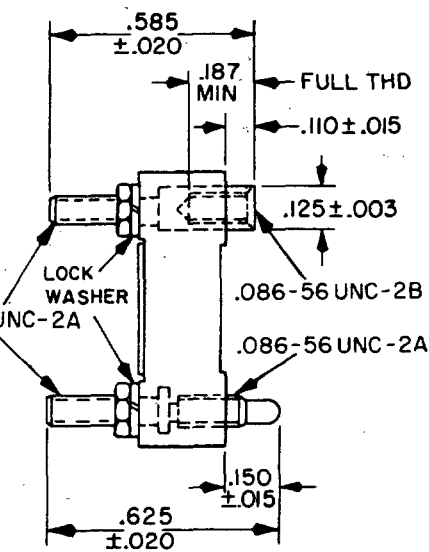


FED. SUP CLASS
5935

VIEW A: WITH GUIDE PINS



VIEW B: WITH FIXED JACKSCREWS

(C) DENOTES CHANGE

P.A Navy - EC

International
interest

TITLE

CONNECTOR, RECTANGULAR, ELECTRICAL
RACK AND PANEL 14 SIZE 22 SOLDER
PIN CONTACTS

MILITARY STANDARD

MS14016

Procurement Specification
MIL-C-28748

SUPERSEDES:

PAGE 1 OF 3

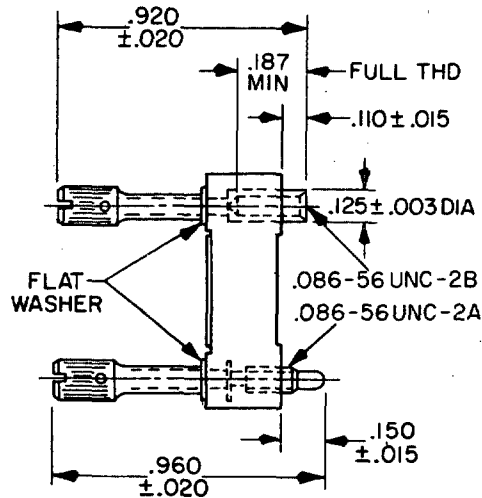
DD FORM 672
1 MAY 73

(Coordinated) PREVIOUS EDITIONS OF THIS FORM ARE OBSOLETE.

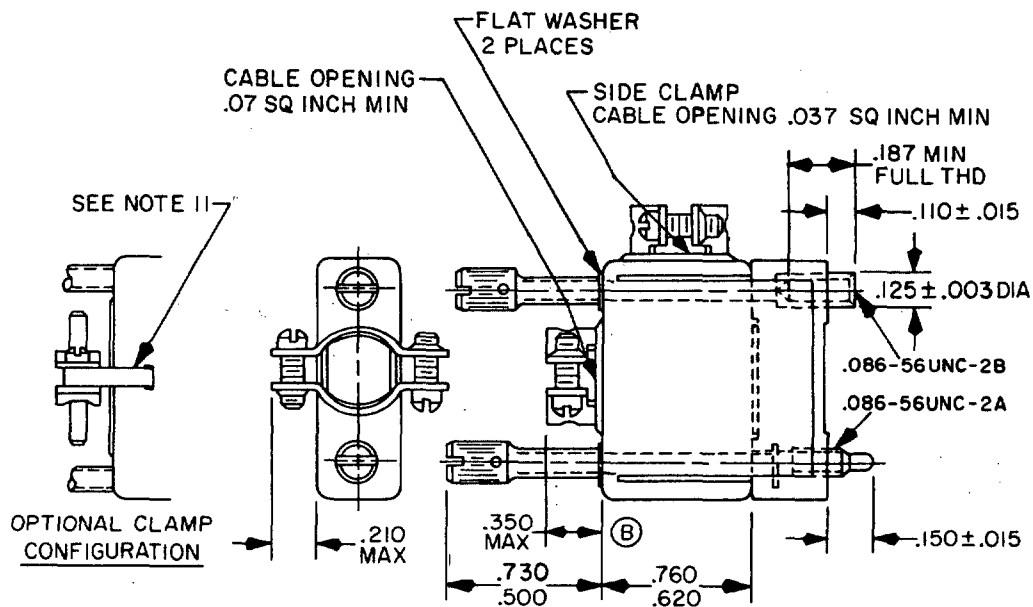
5935-3136-5

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Review activities: Army - MI, AT
Navy - AS, SH 11, 99
Air Force -
DLA - ESUser activities: Army - ME, AM, AR
Navy - MC, OS
Air Force -APPROVED 20 May 1970
REVISED (B) 3 APR 78 (C) 28 JAN 80

FED. SUP CLASS
5935

VIEW C: WITH SHORT TURNABLE JACKSCREWS



VIEW D: WITH LONG TURNABLE JACKSCREWS AND SHIELD

REVISED (C) For changes see page 3

APPROVED 20 May 1970

P.A Navy - EC

International
Interest

TITLE

CONNECTOR, RECTANGULAR, ELECTRICAL
RACK AND PANEL 14 SIZE 22 SOLDER
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Air Force -

11, 99

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| INCHES | MM | INCHES | MM | INCHES | MM |
|--------|------|--------|------|--------|-------|
| .003 | .08 | .090 | 2.29 | .376 | 9.55 |
| .004 | .10 | .110 | 2.79 | .500 | 12.70 |
| .005 | .13 | .125 | 3.18 | .585 | 14.86 |
| .008 | .20 | .14 | 3.6 | .620 | 15.75 |
| .010 | .25 | .145 | 3.68 | .625 | 15.88 |
| .015 | .38 | .150 | 3.81 | .730 | 18.54 |
| .02 | .5 | .187 | 4.75 | .760 | 19.30 |
| .020 | .51 | .210 | 5.33 | .88 | 22.4 |
| .047 | 1.19 | .244 | 6.20 | .920 | 23.37 |
| .07 | 1.8 | .250 | 6.35 | .960 | 24.38 |
| .078 | 1.98 | .28 | 7.1 | | |
| .081 | 2.06 | .350 | 8.89 | | |

DESIGN STANDARD FOR USE WITH MIL-C-28748/7.

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
3. Dimensions and configuration shall be in accordance with the above figure.
4. Unless otherwise specified, tolerances are ± 0.02 (.5 mm) for two place decimals and ± 0.015 (.38 mm) for three place decimals.
5. Tolerance between any two adjacent contact centers shall be ± 0.004 (.10 mm). Tolerance between any two contact centers, other than adjacent contact, shall be ± 0.006 (.15 mm).
6. Contact letter identification may be located on either side of the contact hole. All letters shall appear on the front and rear face of each insert.
7. Inserts shall be used with guide pin assemblies or jackscrew assemblies.
8. Insert material: Shall be in accordance with MIL-C-28748.
9. For design feature purposes, this standard takes precedence over documents referenced herein.
10. Reference documents shall be of the issue in effect on date of invitation for bid.
11. Cable clamp configuration has optional mounting method.
12. Cable clamp may be located on either top or side as specified by part number on slash sheet.
13. Material for jackscrews and guidepins: Corrosion resistance steel per specification QQ-S-763 or ASTM-A582, class 302, 303, 303SE, 304, or 316 except knobs, washers, and spacers shall be either aluminum alloy or corrosion resistance steel. Finish for jackscrews and guidepins: Passivated per QQ-P-35 except knobs, washers, and spacers shall be passivated or anodized.

| | | | |
|--|------------------------|---|-------------------|
| P.A Navy - EC | International Interest | TITLE CONNECTOR, RECTANGULAR, ELECTRICAL RACK AND PANEL 14 SIZE 22 SOLDER PIN CONTACTS | MILITARY STANDARD |
| Other Cust AF - 85 Army - CR | | | MS14016 |
| Procurement Specification MIL-C-28748 | SUPERSEDES: | | PAGE 3 OF 3 |

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5935-3136-5

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