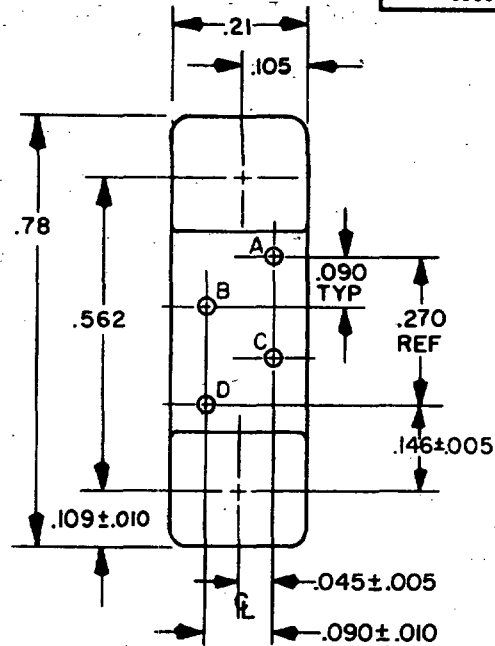
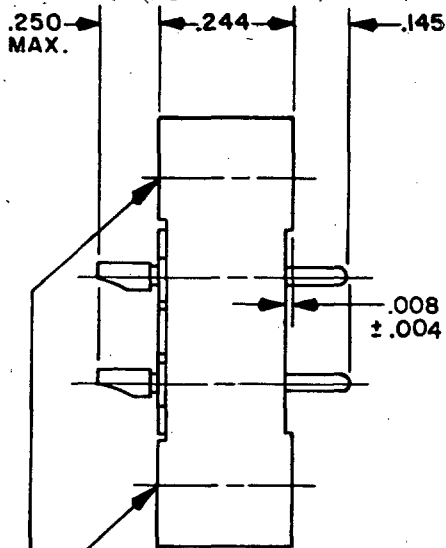
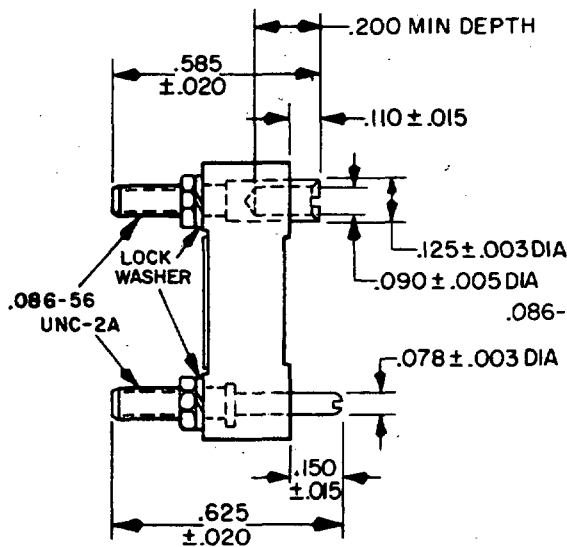
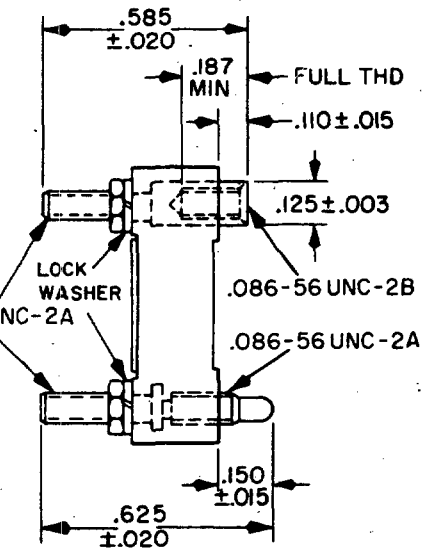


FED. SUP CLASS
5935SEE VIEWS A, B, C, OR D,
FOR APPLICABLE DETAILS.

VIEW A: WITH GUIDE PINS



VIEW B: WITH FIXED JACKSCREWS

C DENOTES CHANGE

P.A. Navy - EC

International
InterestOther Cust
AF - 85
Army - CR

TITLE

CONNECTOR, RECTANGULAR, ELECTRICAL
RACK AND PANEL 4 SIZE 22 SOLDER PIN
CONTACTS

MILITARY STANDARD

MS14012

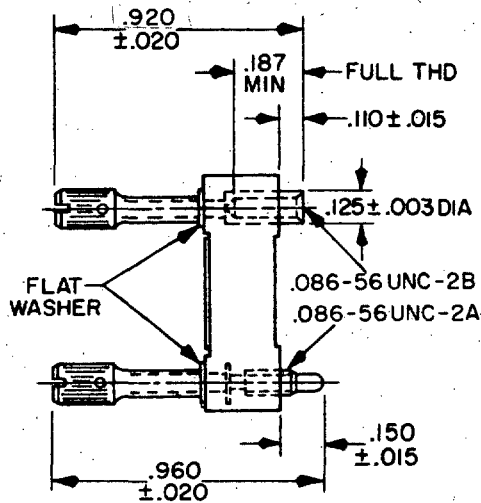
Procurement Specification
MIL-C-28748

SUPERSEDES:

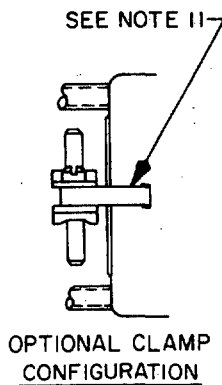
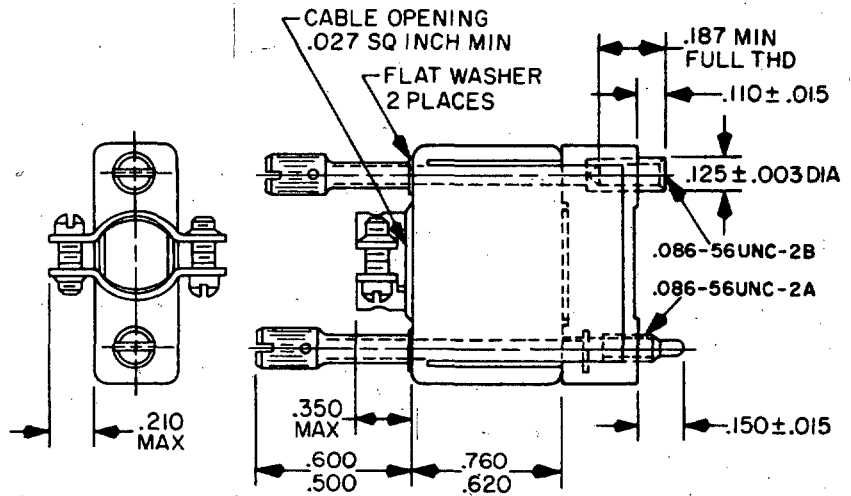
PAGE 1 OF 3

FED. SUP CLASS
5935User activities:
Army - ME, AM, AR
Navy - MC, OS
Air ForceReview activities:
Army - MI, AT
Navy - AS, SH
Air Force
DLA - ES

This military standard is approved for use by all Departments and Agencies of the Department of Defense. Selection for all new engineering and design applications and for repetitive use shall be made from this document when applicable.



VIEW C: WITH SHORT TURNABLE JACKSCREWS

OPTIONAL CLAMP
CONFIGURATION

VIEW D: WITH LONG TURNABLE JACKSCREWS AND SHIELD

P.A. Navy - EC

Other Cust
AF - 85
Army - CRProcurement Specification
MIL-C-28748International
InterestTITLE
CONNECTOR, RECTANGULAR, ELECTRICAL
RACK AND PANEL 4 SIZE 22 SOLDER PIN
CONTACTS

SUPERSEDES:

MILITARY STANDARD

MS14012

PAGE 2 OF 3

DD FORM 672
1 MAY 73

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5935-3136-1

APPROVED 20 May 1970 REVISED C For changes see page 3

FED. SUP CLASS
5935User activities:
Army - ME, AM, AR
Navy - MC, OS
Air Force -Review activities:
Army - MI, AT
Navy - AS, SH
Air Force -
DLA - ES

| INCHES | MM | INCHES | MM | INCHES | MM |
|--------|------|--------|------|--------|-------|
| .002 | .05 | .105 | 2.67 | .250 | 6.35 |
| .003 | .08 | .109 | 2.77 | .270 | 6.86 |
| .004 | .10 | .110 | 2.79 | .350 | 8.89 |
| .005 | .13 | .125 | 3.18 | .500 | 12.70 |
| .008 | .20 | .145 | 3.68 | .562 | 14.27 |
| .010 | .25 | .146 | 3.71 | .600 | 15.24 |
| .015 | .38 | .150 | 3.81 | .620 | 15.75 |
| .020 | .51 | .187 | 4.75 | .625 | 15.88 |
| .027 | .69 | .200 | 5.08 | .760 | 19.30 |
| .045 | 1.14 | .21 | 5.3 | .920 | 23.37 |
| .078 | 1.98 | .210 | 5.33 | .960 | 24.38 |
| .090 | 2.29 | .244 | 6.20 | | |

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 $\pm .02$ (.5 mm) for two place decimals and $\pm .015$ (.38 mm) for three place decimals.
5. Tolerance between any two adjacent contact centers shall be $\pm .004$ (.10 mm). Tolerance between any two contact centers, other than adjacent contacts, shall be $\pm .006$ (.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 procurement 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. Material for jackscrews and guidepins: Corrosion resistance steel per specification QQ-S-763 or ASTM-A 582, 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.

C

| | | | |
|--|------------------------|--|-------------------|
| P.A. Navy - EC | International Interest | TITLE CONNECTOR, RECTANGULAR, ELECTRICAL RACK AND PANEL 4 SIZE 22 SOLDER PIN CONTACTS | MILITARY STANDARD |
| Other Cust AF - 85 Army - CR | | | MS14012 |
| Procurement Specification MIL-C-28748 | SUPERSEDES: | | PAGE 3 OF 3 |

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5935-3136-1

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APPROVED 20 May 1970

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