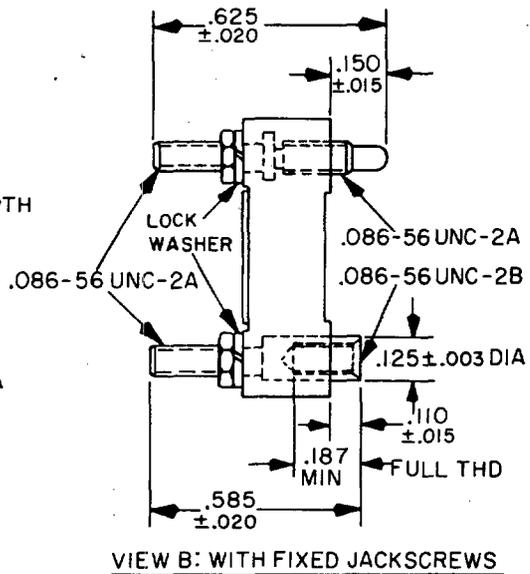
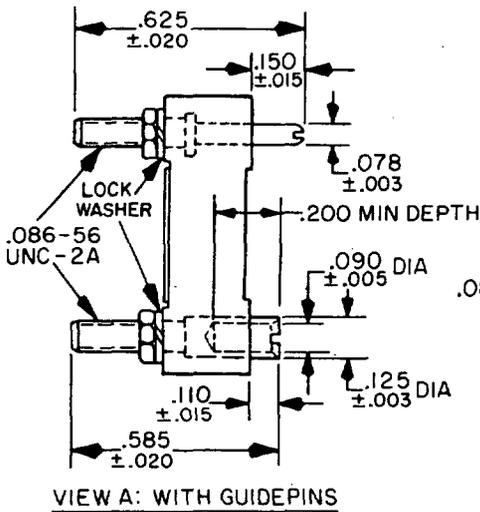
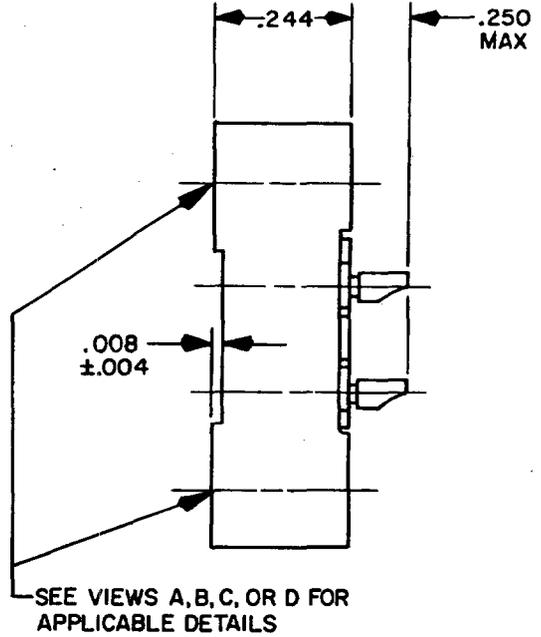
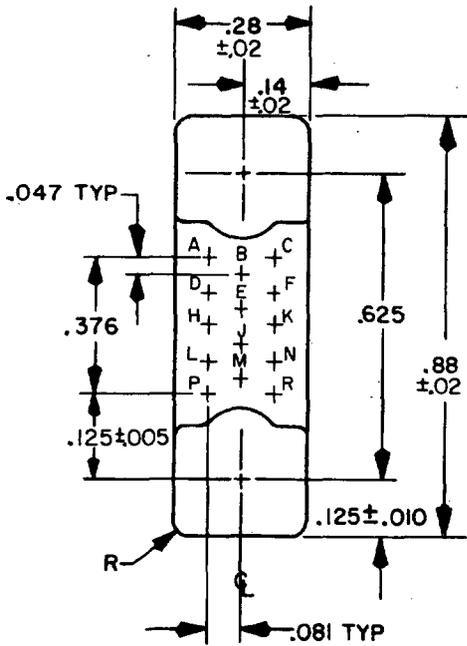


FED. SUP CLASS
5935

User activities:
Army - ME, AM, AR
Navy - MC, OS
Air Force -

Review 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.



Ⓒ DENOTES CHANGE

| | | | |
|----------------------------------------------------------|---------------------------|-------------------------------------------------------------------------------------------|-------------------|
| P.A. Navy - EC Other Cust AF - 85 Army - CR | International interest | TITLE | MILITARY STANDARD |
| | | CONNECTOR, RECTANGULAR, ELECTRICAL RACK AND PANEL 14 SIZE 22 SOLDER SOCKET CONTACTS | MS14017 |
| Procurement Specification MIL-C-28748 | | SUPERSEDES: | PAGE 1 OF 3 |

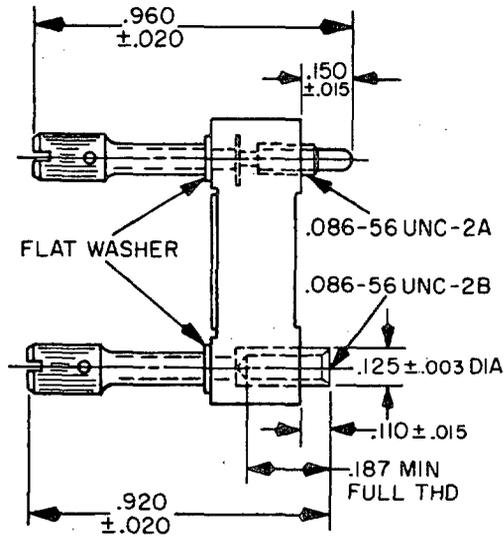
APPROVED 20 May 1970
REVISED (B) 3 APR 78 (C) 28 JAN 80

FED. SUP CLASS
5935

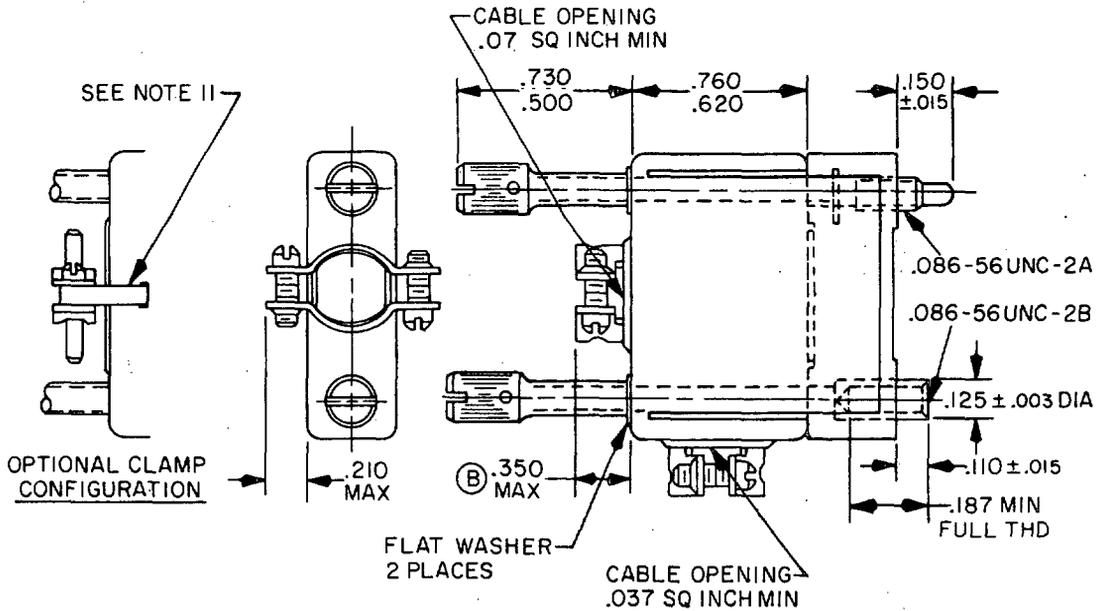
User activities:
Army -ME, AM, AR
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VIEW C: WITH SHORT TURNABLE JACKSCREW



VIEW D: WITH LONG TURNABLE JACKSCREWS AND SHIELD

APPROVED 20 May 1970
REVISED (C) For changes see page 3

| | | | |
|------------------------------------------|------------------------|-------------------------------------------------------------------------------------------|-------------------|
| P.A. Navy - EC | International interest | TITLE | MILITARY STANDARD |
| Other Cust AF - 85 Army - CR | | CONNECTOR, RECTANGULAR, ELECTRICAL RACK AND PANEL 14 SIZE 22 SOLDER SOCKET CONTACTS | MS14017 |
| Procurement Specification MIL-C-28748 | | SUPERSEDES: | PAGE 2 OF 3 |

User activities: Army -ME, AM, AR
Navy -MC, OS
Air Force -

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

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| INCHES | MM | INCHES | MM | INCHES | MM |
|--------|------|--------|------|--------|-------|
| .003 | .08 | .090 | 2.29 | .350 | 8.89 |
| .004 | .10 | .110 | 2.79 | .500 | 12.70 |
| .005 | .13 | .125 | 3.18 | .585 | 14.86 |
| .008 | .20 | .14 | 3.6 | .600 | 15.24 |
| .010 | .25 | .150 | 3.81 | .620 | 15.75 |
| .015 | .38 | .187 | 4.75 | .625 | 15.88 |
| .020 | .51 | .200 | 5.08 | .730 | 18.54 |
| .037 | .94 | .210 | 5.33 | .760 | 19.30 |
| .047 | 1.19 | .244 | 6.20 | .88 | 22.4 |
| .07 | 1.8 | .250 | 6.35 | .920 | 23.37 |
| .078 | 1.98 | .28 | 7.1 | .960 | 24.38 |
| .081 | 2.06 | .376 | 9.55 | | |

DESIGN STANDARD FOR USE WITH MIL-C-28748/8.

NOTES:

- Dimensions are in inches.
- Metric equivalents are given for general information only and are based upon 1.00 inch = 25.4 mm.
- Dimensions and configuration shall be in accordance with the above figure.
- Unless otherwise specified, tolerances are $\pm .02$ (.5 mm) for two place decimals and $\pm .015$ (.28 mm) for three place decimals.
- 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).
- 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.
- Inserts shall be used with guide pin assemblies or jackscrew assemblies.
- Insert material: Shall be in accordance with MIL-C-28748.
- For design feature purposes, this standard takes precedence over procurement documents referenced herein.
- Reference documents shall be of the issue in effect on date of invitation for bid.
- Cable clamp configuration has optional mounting method.
- Cable clamp may be located on either top or side as specified by part number on slash sheet.
- 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 Other Cust AF - 85 Army - CR | International Interest | TITLE | MILITARY STANDARD |
| | | CONNECTOR, RECTANGULAR, ELECTRICAL RACK AND PANEL 14 SIZE 22 SOLDER SOCKET CONTACTS | MS14017 |
| Procurement Specification MIL-C-28748 | | SUPERSEDES: | PAGE 3 OF 3 |