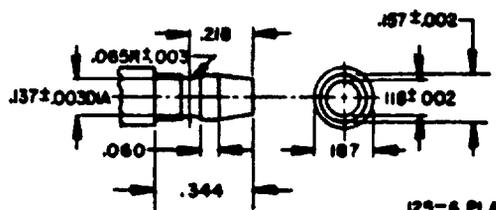
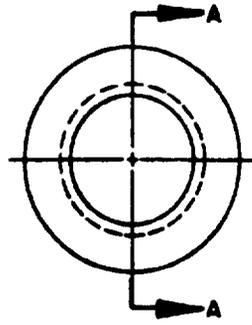
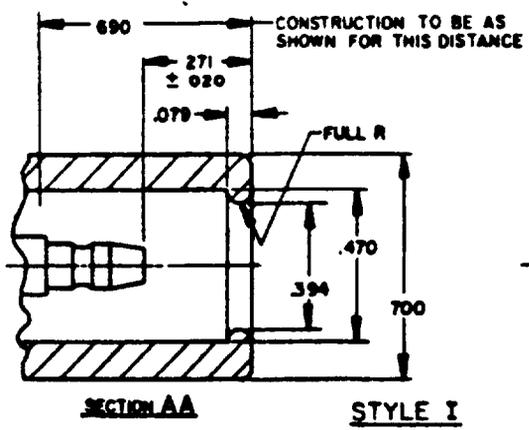


USER ACTIVITIES ARMY-GI
NAVY-MC, YD

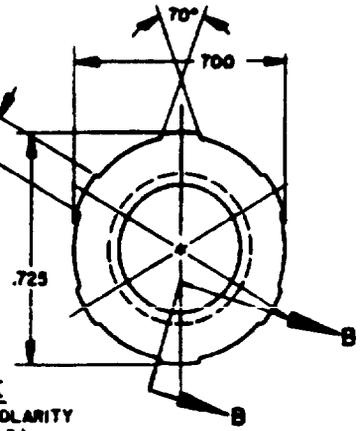
REVIEWER ACTIVITIES ARMY-AR, ME, CR
DLA-ES

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JABC W/A
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125-6 PLACES
EQUALLY SPACED



STYLE II
(USED TO DENOTE POLARITY
SEE NOTE 3)

DIMENSIONS ARE IN INCHES

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ±.005 ON DECIMALS, ±1° ON ANGLES,
AND ± .015 FOR RUBBER PRODUCTS

THIS IS A DESIGN STANDARD NOT TO BE USED AS AN MS PART NO.

Ⓧ DENOTE CHANGES

APPROVED 1 SEPT 1967 REVISED Ⓧ 26 JANUARY 1968

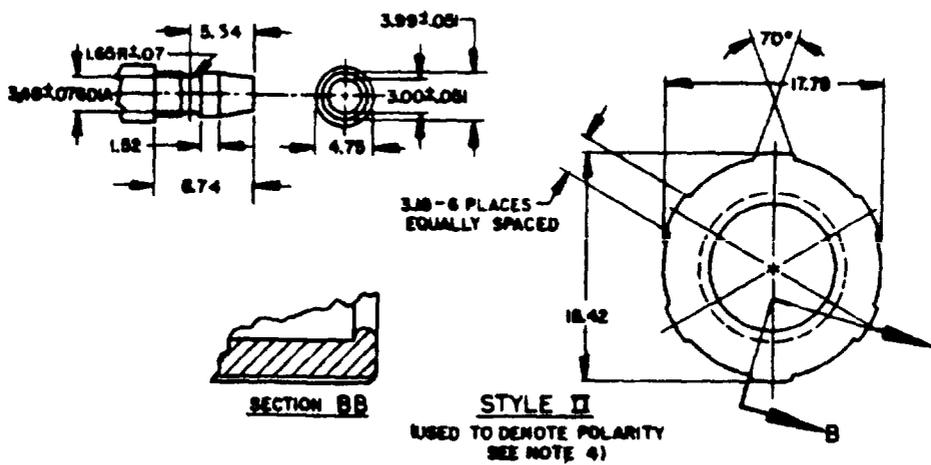
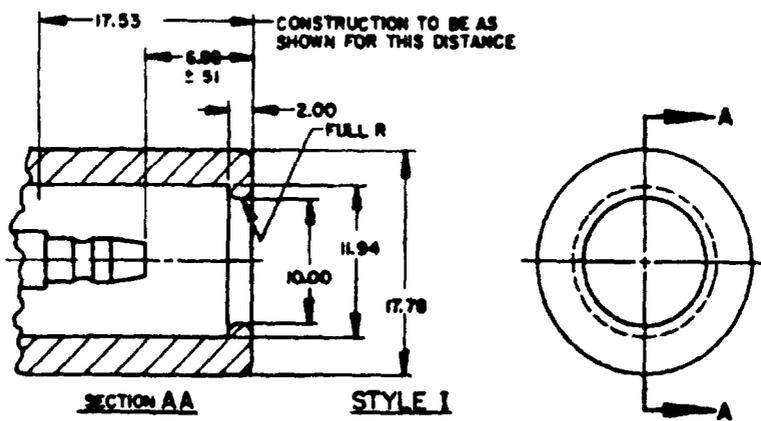
| | | | |
|---|--|---|-------------------|
| P A ARMY-AT Other Code AF-85 NAVY-EC Ⓧ | INTERNATIONAL INTEREST STANAG 4040 | TITLE CONNECTOR, RECEPTACLE, ELECTRICAL — PIN CONTACT, NO. 12, 14 & 16 A WG WATERPROOF | MILITARY STANDARD |
| | | | MS33800 |
| PROCUREMENT SPECIFICATION NONE | SUPERSEDES | SHEET 1 OF 3 | |

FED. SUP. CLASS
5935

USPW ACTIVITIES

RFW/PWR ACTIVITIES

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DIMENSIONS ARE IN MILLIMETERS

UNLESS OTHERWISE SPECIFIED, TOLERANCES ARE ± .13 ON DECIMALS, ± 1° ON ANGLES, AND ± .38 FOR RUBBER PRODUCTS

THIS IS A DESIGN STANDARD NOT TO BE USED AS AN MS PART NO

APPROVED 1 SEPT. 1967 REVISED FOR CHANGES SEE PAGE 3

| | | | |
|---------------------------|------------------------|--|-------------------|
| P A Other Cont | INTERNATIONAL INTEREST | TITLE | MILITARY STANDARD |
| | | CONNECTOR, RECEPTACLE, ELECTRICAL - PIN CONTACT, NO 12, 14 & 16 A.W.G WATERPROOF | MS33800 |
| PROCUREMENT SPECIFICATION | SUPERSEDES: | SHEET 2 OF 3 | |

DD FORM 1, 672-1 (COORDINATED)

FORM ARE OBSOLETE

USER ACTIVITIES

REVISION ACTIVITIES

NOTES

- 1 FOR MATING CONNECTORS SEE MS27143 AND MS27144
- 2 MATERIAL SHELL RUBBER GRADE SC615, A1 C1 E3 F2, ASTM-D-2000 TERMINAL BRASS, COMPOSITION 11 OR 22, TEMPER HALF HARD MINIMUM, QQ-B-626
- 3 PROTECTIVE FINISH TERMINAL, SILVER PLATE, TYPE II, GRADE A, 0002 MINIMUM THICKNESS, QQ-S-365
- 4 STYLE II TO BE USED WITH RIBBED CONNECTOR TO DENOTE POLARITY
5. STYLE II DIMENSIONS IDENTICAL TO STYLE I EXCEPT AS NOTED
- 6 TERMINAL SHALL BE ATTACHED TO COMPONENT AND SHALL WITHSTAND A PULL TEST OF 100 POUNDS (46 KILOGRAMS)
- 7 FOR MULTIPLE CONNECTOR DESIGN, MINIMUM CAVITY CENTER DISTANCE SHALL BE .600 INCHES
8. FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER PROCUREMENT DOCUMENTS REFERENCED HEREIN.
9. REFERENCED DOCUMENTS SHALL BE OF THE ISSUE IN EFFECT ON THE DATE OF INVITATIONS FOR BID
10. WHEN CONNECTORS ARE COUPLED, THE VOLTAGE DROP SHALL NOT EXCEED 20 MILLIVOLTS WHEN TESTED IN A 28 VOLT CIRCUIT AS OUTLINED IN MIL-STD-202, METHOD 307
11. WHEN CONNECTORS ARE COUPLED, THE ASSEMBLY SHALL MEET THE 1000 VOLT REQUIREMENT OF THE DIELECTRIC STRENGTH TEST OUTLINED IN MIL-STD-202, METHOD 302
- 12 WHEN CONNECTORS ARE COUPLED, THE ASSEMBLY SHALL MEET THE REQUIREMENTS OF THE WATERPROOFNESS TEST OUTLINED IN MIL-STD-1104
- 13 WHEN CONNECTORS ARE COUPLED, THE ASSEMBLY SHALL MEET THE REQUIREMENTS OF SALT SPRAY CORROSION TEST OUTLINED IN MIL-STD-202, METHOD 101 (5% SALINE, 200 HRS)
- 14 RECYCLED, VIRGIN AND RECLAIMED MATERIALS THERE ARE NO REQUIREMENTS FOR THE EXCLUSIVE USE OF VIRGIN MATERIALS, HOWEVER, ALL MATERIALS SHALL BE NEW AND UNUSED THE USE OF RECYCLED OR RECLAIMED (RECOVERED) MATERIALS IS ACCEPTABLE PROVIDED THAT ALL OTHER REQUIREMENTS OF THIS STANDARD ARE MET

ALL PROVISIONS OF THIS STANDARD ARE THE SUBJECT OF INTERNATIONAL STANDARDIZATION AGREEMENT NATO-STANAG 4040 WHEN REVISION OR CANCELLATION OF THIS STANDARD IS PROPOSED WHICH WILL EFFECT OR VIOLATE THE INTERNATIONAL AGREEMENT CONCERNED, THE PREPARING ACTIVITY WILL TAKE APPROPRIATE RECONCILIATION ACTION THROUGH INTERNATIONAL STANDARDIZATION CHANNELS, INCLUDING DEPARTMENTAL STANDARDIZATION OFFICES, IF REQUIRED

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APPROVED 1 SEPT 1967 REVISION D FOR CHANGES SEE PAGE 3

| | | | |
|---------------------------|------------------------|--|-------------------|
| P. A. Other Cost | INTERNATIONAL INTEREST | TITLE | MILITARY STANDARD |
| | | CONNECTOR, RECEPTACLE, ELECTRICAL — PIN CONTACT, NO 12, 14 & 16 A W.G WATERPROOF | MS33800 |
| PROCUREMENT SPECIFICATION | SUPERSEDES: | SHEET 3 OF 3 | |