

AS31341

FEDERAL SUPPLY CLASS  
5935

## NOTICE

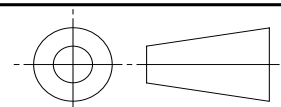
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THIRD ANGLE PROJECTION



CUSTODIAN: SAE AE-8/AE-8C1

PROCUREMENT SPECIFICATION: MIL-C-81703

**SAE Aerospace**  
An SAE International Group

### AEROSPACE STANDARD

CONNECTOR, RECEPTACLE, ELECTRIC, SOLDER  
TYPE, JAM NUT MOUNTING, PUSH-PULL, COUPLING,  
SERIES 1 (CLASS E, P, J AND H)

**AS31341**  
SHEET 1 OF 5

ISSUED 2004-06

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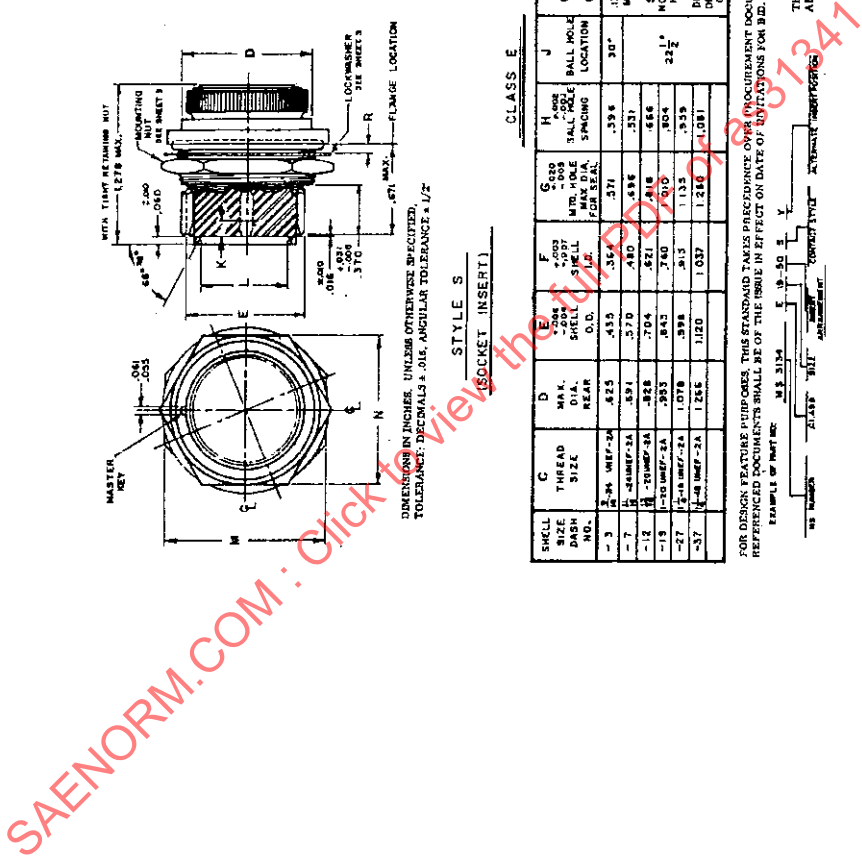
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| AS31341 |  |
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FOR DESIGN FEATURE PURPOSES, THIS STANDARD TAKES PRECEDENCE OVER DOCUMENTS REFERENCED HEREIN.

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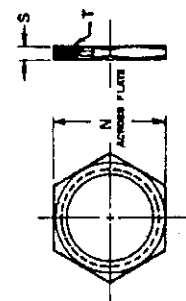
CONNECTOR, RECEPTACLE, ELECTRIC, SOLDER  
TYPE, JAM NUT MOUNTING, PUSH-PULL, COUPLING,  
SERIES 1 (CLASS E, P, J AND H)

| MS NUMBER | CLASS | SIZE | INSERT CONTACT STYLE | DATE | Y     | ALTERNATE INSERT POSITION |
|-----------|-------|------|----------------------|------|-------|---------------------------|
| MS 3134   |       |      |                      | J    | 18-50 |                           |

CONNECTOR, RECEPTACLE, ELECTRIC, SOLDER  
TYPE, JAM NUT MOUNTING, PUSH-PULL, COUPLING,  
SERIES 1 (CLASS E, P, J AND H)

**NOTES:**

1. LOCKWASHERS -  
MATERIAL TO BE PHOSPHOROUS BRONZE  
MUT. MOUNTING -  
"CLASS 1" - ALUMINUM.  
"CLASS 2" - STEEL.



### **NUT, MOUNTING**

```

graph TD
    Root[EXAMPLE OF PART NO.] --> MS3104_F3_1[MS 3104 F-3 1]
    Root --> MS3104_F3_2[MS 3104 F-3 2]
    MS3104_F3_1 --> CLASS
    MS3104_F3_1 --> MS_NUMBER[MS NUMBER]
    MS3104_F3_1 --> LOCKWASHER
    MS3104_F3_1 --> CONCTOR
    MS3104_F3_1 --> SHILL
    MS3104_F3_2 --> CONNECTION
    MS3104_F3_2 --> SIZE
    CONNECTION --> CONNECTION
    CONNECTION --> SIZE
  
```

| COMMITTEE       | LOCKWASHER | NUT MOUNTING |      |                | ♂ KING      |
|-----------------|------------|--------------|------|----------------|-------------|
|                 |            | A            | B    | T              |             |
| SPELL<br>(WELL) | Q.D.       |              |      |                | MS          |
| DASH NO.        | THICK.     |              |      |                | NUMBER      |
| - 3             | .370       | .853         | .082 | 9/16-24 UNF    | M829503-15  |
| - 7             | .355       | .812         |      | 1/4" - 34 UNF  | M829505-17  |
| - 12            | 1.062      | .937         |      | 5/16" - 20 UNF | M829503-19  |
| - 19            | 1.192      | 1.062        | .128 | 1 - 20 UNF     | M8295013-22 |
| - 27            | 1.438      | 1.250        |      | 1/4" - 30 UNF  | M8295013-24 |
| - 37            | 1.436      | 1.375        |      | 1/4" - 18 UNF  | M8295013-26 |

DIMENSIONS IN INCHES  
 UNLESS OTHERWISE SPECIFIED, TOLERANCE: DECIMALS .015  
 ANGULAR TOLERANCE  $\pm 1/2^\circ$