

MIL-T-83454/2D(USAF)  
 22 DECEMBER 1980  
 SUPERSEDING  
 MIL-T-83454/2C(USAF)  
 23 August 1979

# MILITARY SPECIFICATION SHEET

TERMINALS, STUD, BLIND, FOR ELECTRICAL  
 BONDING AND GROUNDING (NONINSULATED), .138-32 UNJC-3A  
 CURRENT RATING: 25 AMPS

This specification sheet is approved for use by the Air Force Acquisition Logistics Division, Electronic Support Division, (AFALD/PTES), Wright-Patterson AFB, Ohio 45433, Department of the Air Force, and is available for use by all Departments and Agencies of the Department of Defense.

The complete requirements for procuring the stud terminals described herein shall consist of this document and the latest issue of Specification MIL-T-83454.

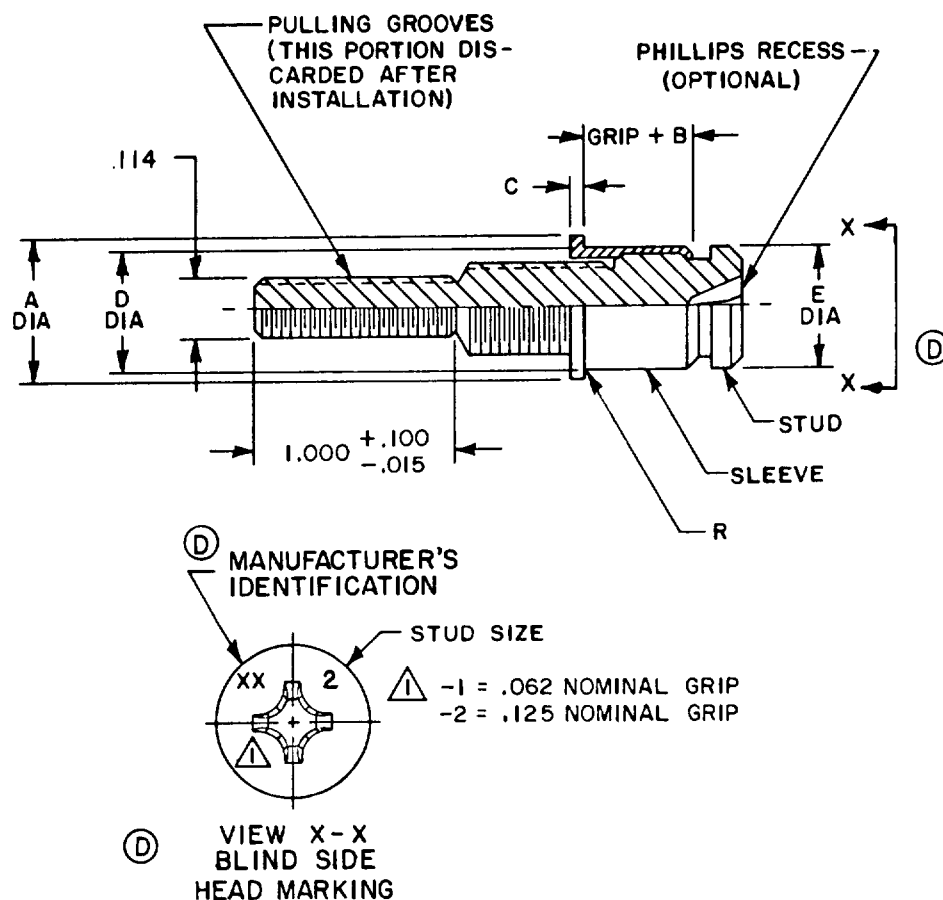
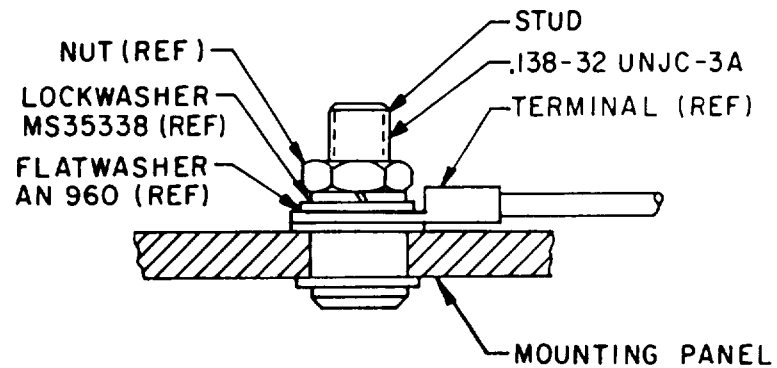
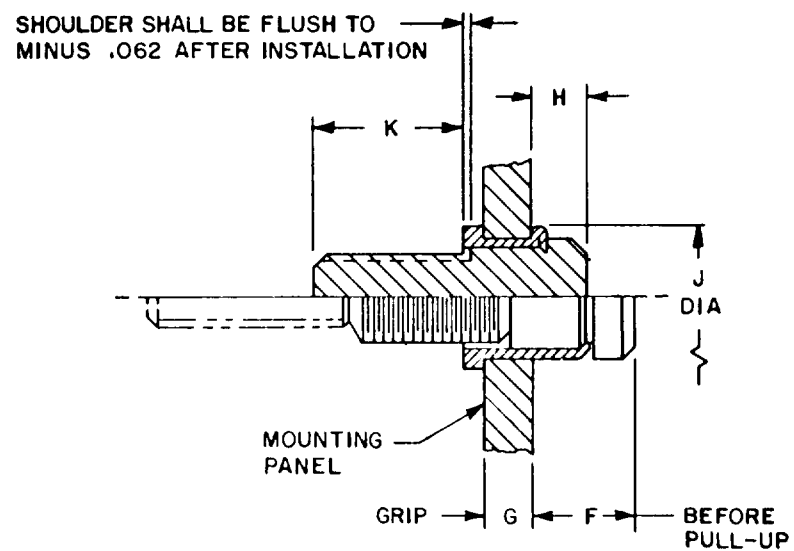


FIGURE 1. Dimensions and configuration.

(D) Denotes changes

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TYPICAL STACKUP

FIGURE 1. Dimensions and configuration - Continued.

| Dimensions 1/ |                  |             |             |             |               |             |             |                  |             |             |               |            |                            |               |
|---------------|------------------|-------------|-------------|-------------|---------------|-------------|-------------|------------------|-------------|-------------|---------------|------------|----------------------------|---------------|
| Dash no.      | Stud thread size | A (REF)     | B           | C (REF)     | D ±.001 (.03) | E MAX       | F MAX       | 2/ G ±.032 (.81) | H MAX       | J MAX       | K ±.032 (.81) | R MAX      | Installation hole diameter |               |
|               |                  |             |             |             |               |             |             |                  |             |             |               |            | MAX                        | MIN           |
| AA106         | .138-32 UNJC-3A  | .312 (7.92) | .090 (2.29) | .050 (1.27) | .217 (5.51)   | .218 (5.54) | .185 (4.70) | .062 (1.57)      | .110 (2.79) | .270 (6.86) | .375 (9.52)   | .010 (.25) | .2228 (5.659)              | .2188 (5.558) |
| AA107         | .138-32 UNJC-3A  |             |             |             |               |             |             | .062 (1.57)      |             |             | .438 (11.13)  |            |                            |               |
| AA108         | .138-32 UNJC-3A  |             |             | .050 (1.27) |               |             |             | .062 (1.57)      |             |             | .500 (12.70)  |            |                            |               |
| AA206         | .138-32 UNJC-3A  |             |             | .070 (1.78) |               |             |             | .125 (3.18)      |             |             | .375 (9.52)   |            |                            |               |
| AA207         | .138-32 UNJC-3A  |             |             |             |               |             |             | .125 (3.18)      |             |             | .438 (11.13)  |            |                            |               |
| AA208         | .138-32 UNJC-3A  | .312 (7.92) | .090 (2.29) | .070 (1.78) | .217 (5.51)   | .218 (5.54) | .185 (4.70) | .125 (3.18)      | .110 (2.79) | .270 (6.86) | .500 (12.70)  | .010 (.25) | .2228 (5.659)              | .2188 (5.558) |

1/ Metric equivalents are in parentheses.

2/ .062 (1.57 mm) grip: Stud color gold; .125 (3.18 mm) grip: Stud color olive drab.

#### 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. Unless otherwise specified, tolerance is ±.016 (.41 mm)
4. This specification sheet depicts only general design characteristics and is not intended to limit specific manufacturing processes.

FIGURE 1. Dimensions and configuration - Continued.

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REQUIREMENTS:

Design and construction:

Dimensions and configuration: See figure 1.

Mounting: See figure 1.

Bend: 140 pounds force, minimum.

Part number: M83454/02- (dash number from figure 1).

Preparing activity:

Air Force - 85

(Project 5940-F931)