

SAE Technical Standards Board Rules provide that: "This report is published by SAE to advance the state of technical and engineering sciences. The use of this report is entirely voluntary, and its applicability and suitability for any particular use, including any patent infringement arising therefrom, is the sole responsibility of the user."

SAE reviews each technical report at least every five years at which time it may be revised, reaffirmed, stabilized, or cancelled. SAE invites your written comments and suggestions.

REV.  
B

AS7928™/15

FEDERAL SUPPLY CLASS  
5940

## RATIONALE

REVISION REQUIRED TO CLARIFY TENSILE STRENGTH TEST METHOD, MAKE MINOR TECHNICAL, AND EDITORIAL CHANGES AS NEEDED.

## NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS7928.

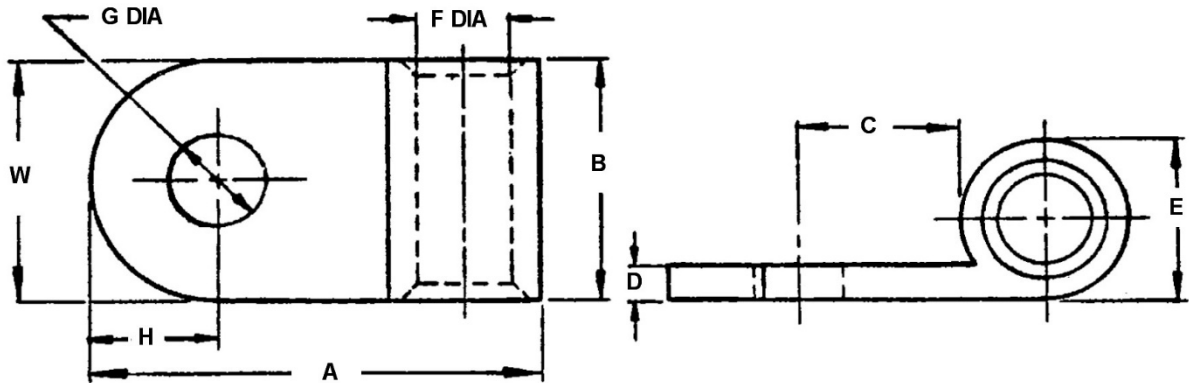


FIGURE 1 - FLAG TERMINAL (SEE APPLICATION NOTES)

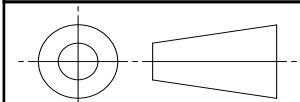
TABLE 1 - AS7928/15 FLAG TERMINAL DIMENSIONS

| DASH NO. | WIRE SIZE | STUD SIZE | A MAX | B MIN | C MIN | D    |      | E    |      |
|----------|-----------|-----------|-------|-------|-------|------|------|------|------|
|          |           |           |       |       |       | MIN  | MAX  | MIN  | MAX  |
| -1       | 22-14     | 6         | .566  | .300  | .218  | .030 | .034 | .146 | .165 |
| -2       |           | 8         | .566  | .300  | .218  | .030 | .034 | .146 | .165 |
| -3       |           | 10        | .566  | .300  | .218  | .030 | .034 | .146 | .165 |
| -4       | 12-10     | 6         | .651  | .300  | .250  | .038 | .042 | .206 | .219 |
| -5       |           | 8         | .651  | .300  | .250  | .038 | .042 | .206 | .219 |
| -6       |           | 10        | .651  | .300  | .250  | .038 | .042 | .206 | .219 |

For more information on this standard, visit

<https://www.sae.org/standards/content/AS7928/15B/>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8C2

PROCUREMENT SPECIFICATION: AS7928



## AEROSPACE STANDARD

TERMINAL, LUG, CRIMP STYLE, COPPER, UNINSULATED, FLAG TONGUE, SIZES 22-10, TYPE I, CLASS I, FOR 150 °C TOTAL CONDUCTOR TEMPERATURE

AS7928™/15  
SHEET 1 OF 3

REV.  
B

Documents

Copyright © 2021 SAE International

All rights reserved. No part of this publication may be reproduced, stored in a retrieval system or transmitted, in any form or by any means, electronic, mechanical, photocopying, recording, or otherwise, without the prior written permission of SAE.

TO PLACE A DOCUMENT ORDER: Tel: 877-606-7323 (inside USA and Canada)  
Fax: 724-776-0790

Tel: +1 724-776-4970 (outside USA)  
Email: CustomerService@sae.org

SAE WEB ADDRESS: <http://www.sae.org>

**TABLE 1 - AS7928/15 FLAG TERMINAL DIMENSIONS (CONTINUED)**

| DASH NO. | WIRE SIZE | STUD SIZE | F DIA |      | G DIA |      | H MAX | W    |      |
|----------|-----------|-----------|-------|------|-------|------|-------|------|------|
|          |           |           | MIN   | MAX  | MIN   | MAX  |       | MIN  | MAX  |
| -1       | 22-14     | 6         | .072  | .092 | .143  | .152 | .167  | .300 | .310 |
| -2       |           | 8         | .072  | .092 | .169  | .179 |       | .300 | .310 |
| -3       |           | 10        | .072  | .092 | .196  | .203 |       | .300 | .310 |
| -4       | 12-10     | 6         | .119  | .139 | .143  | .152 |       | .300 | .310 |
| -5       |           | 8         | .119  | .139 | .169  | .179 |       | .300 | .310 |
| -6       |           | 10        | .119  | .139 | .196  | .203 |       | .300 | .310 |

REQUIREMENTS: ALL REQUIREMENTS SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS7928.

1. CONFIGURATION:

DIMENSIONS ARE IN INCHES IN ACCORDANCE WITH FIGURE 1 AND TABLE 1. CONTOUR OPTIONAL WITHIN DIMENSIONS NOTED.

DIMENSION B SHALL NOT EXCEED DIMENSION W.

DIMENSION H SHALL NOT BE LESS THAN ONE HALF DIMENSION W MINIMUM.

CHAMFER BOTH ENDS OF BARREL.

THE SEAM OF THE BARREL SHALL BE PERMANENTLY SEALED AND SHALL NOT OPEN AS A RESULT OF THE CRIMPING OPERATION.

2. MATERIALS: BASE MATERIAL SHALL BE COPPER WITH A TIN PLATED FINISH IN ACCORDANCE WITH AS7928.

3. MARKING:

MANUFACTURER'S LOGO OR SYMBOL SHALL BE MARKED ON THE TERMINAL AND BE INCLUDED IN AIR1351. OTHER MARKING IS PERMITTED.

PART IDENTIFICATION NUMBER:

M7928/15 -4  
 └── DASH NUMBER (SEE TABLE 1)  
 └── AS7928 DETAIL SPECIFICATION NUMBER

4. CRIMP TOOLS: CRIMP TOOLS SHALL BE IN ACCORDANCE WITH TABLE 2.

**TABLE 2 - AS7928/15 CRIMP TOOLS**

| WIRE SIZE | CRIMP TOOL PART NUMBER | INSPECTION GAGE PART NUMBER |
|-----------|------------------------|-----------------------------|
| 22-14     | A22520/47-01           | AS22520/3                   |
| 12-10     | NEST AB                | -26                         |
|           | NEST C                 | -27                         |

|                                                                                     |                                                                                                                                          |                                   |                         |
|-------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------|-------------------------|
|  | <b>AEROSPACE STANDARD</b>                                                                                                                | <b>AS7928™/15</b><br>SHEET 2 OF 3 | <b>REV.</b><br><b>B</b> |
|                                                                                     | TERMINAL, LUG, CRIMP STYLE, COPPER, UNINSULATED,<br>FLAG TONGUE, SIZES 22-10, TYPE I, CLASS I, FOR 150 °C<br>TOTAL CONDUCTOR TEMPERATURE |                                   |                         |



**Documents**

Document Sharing Hub