

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

AS25486™

FEDERAL SUPPLY CLASS  
5935

#### RATIONALE

REVISE TO IMPROVE DRAWING/DIMENSION QUALITY, UPDATE REFERENCES, ADD A METRIC TABLE, ALIGN SPECIFICATION WITH SAE GUIDELINES, AND REVIEW SPECIFICATION FOR KNOWN TECHNICAL PROBLEMS.

#### NOTICE

THE COMPLETE REQUIREMENTS FOR PROCURING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS DOCUMENT AND THE LATEST ISSUE OF AS7974.

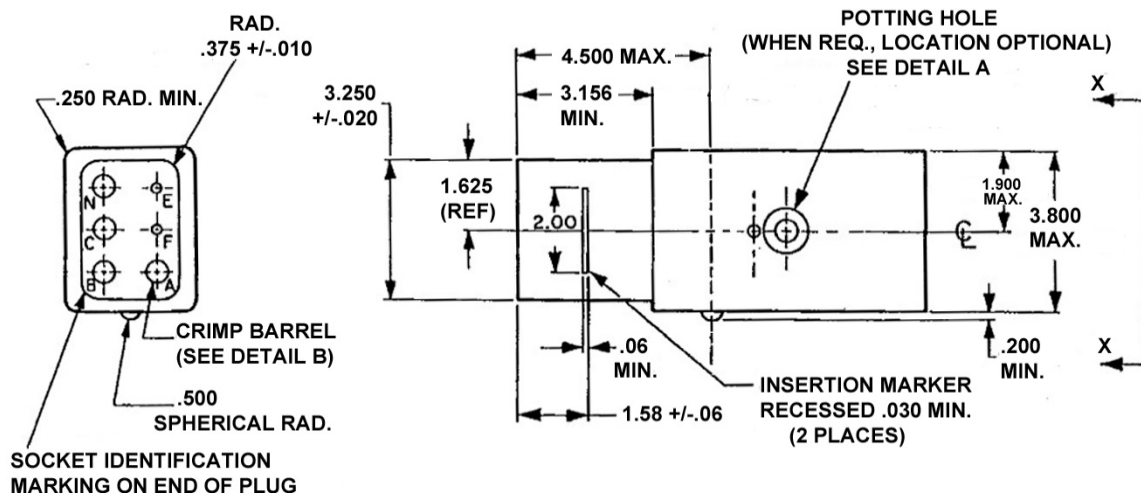


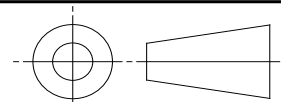
FIGURE 1 - AS25486 ATTACHABLE PLUG CONFIGURATIONS

TABLE 1 - FIGURE 1/1A METRIC EQUIVALENTS

| INCHES | MM    | INCHES | MM    | INCHES | MM    | INCHES | MM    | INCHES | MM     |
|--------|-------|--------|-------|--------|-------|--------|-------|--------|--------|
| .010   | 0.254 | .200   | 5.08  | 1.125  | 28.58 | 2.00   | 50.80 | 3.250  | 82.55  |
| .020   | 0.508 | .250   | 6.35  | 1.510  | 38.40 | 2.25   | 57.15 | 3.800  | 96.52  |
| .030   | 0.762 | .375   | 9.53  | 1.58   | 40.13 | 3.02   | 76.71 | 4.500  | 114.30 |
| .060   | 1.52  | .500   | 12.70 | 1.625  | 41.28 | 3.156  | 80.16 | 9.25   | 234.95 |

For more information on this standard, visit  
<https://www.sae.org/standards/content/AS25486B>

THIRD ANGLE PROJECTION



CUSTODIAN: AE-8/AE-8C1

PROCUREMENT SPECIFICATION: AS7974



#### AEROSPACE STANDARD

(R) CONNECTOR, PLUG, ATTACHABLE,  
EXTERNAL ELECTRIC POWER, AIRCRAFT,  
115/200 VOLT, 400 HERTZ

AS25486™  
SHEET 1 OF 4

REV.  
B

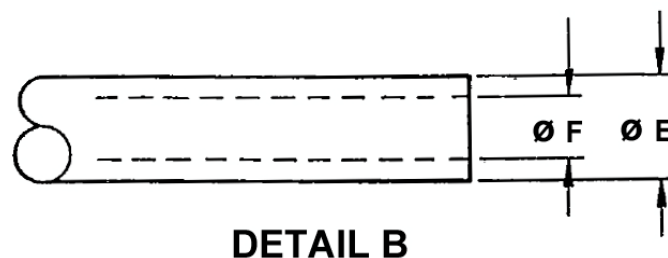
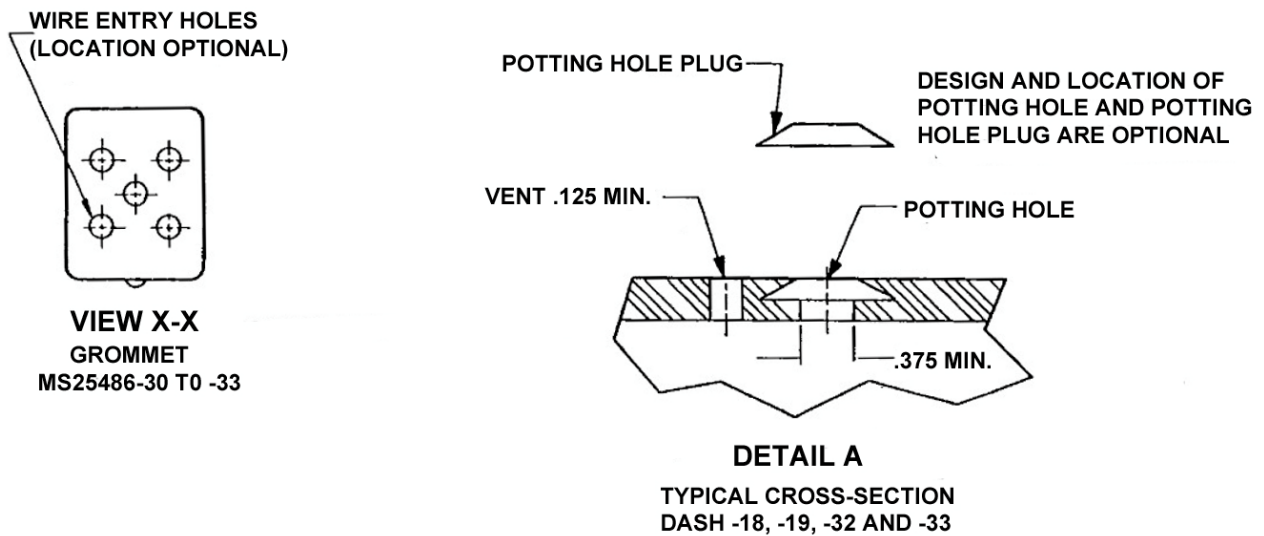
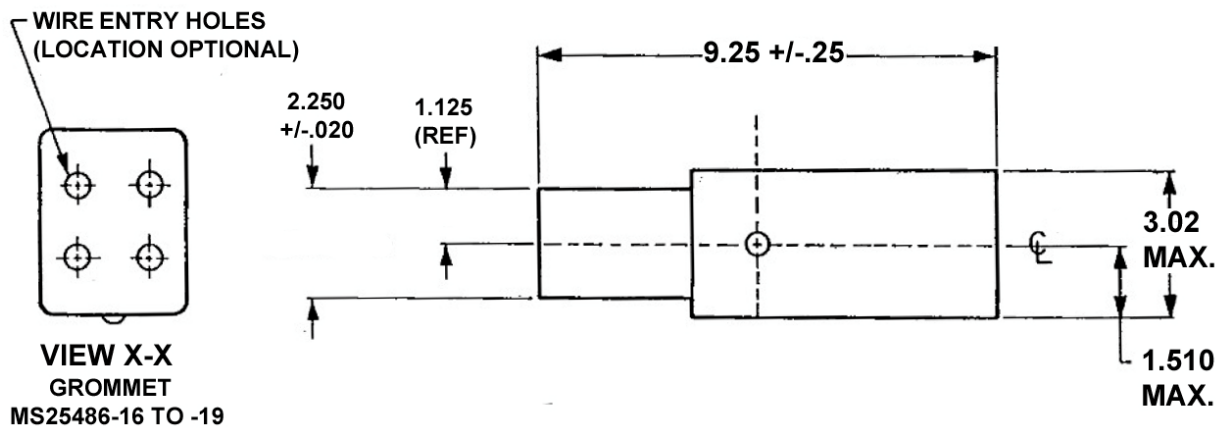
Copyright © 2020 SAE International

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>



AS25486 CONTACT CRIMP BARREL (SEE TABLE 3)  
DASH -16 THRU -19 AND -30 THRU -33

FIGURE 1A - AS25486 ATTACHABLE PLUG CONFIGURATIONS

|  |                                                                                                                                          |                                  |                   |
|--|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------|
|  | <p><b>AEROSPACE STANDARD</b><br/>(R) CONNECTOR, PLUG, ATTACHABLE,<br/>EXTERNAL ELECTRIC POWER, AIRCRAFT,<br/>115/200 VOLT, 400 HERTZ</p> | <p>AS25486™<br/>SHEET 2 OF 4</p> | <p>REV.<br/>B</p> |
|--|------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------|-------------------|



Documents

Document Sharing Hub