

Connector Accessories, Electrical, Backshell, 45°, Self-locking, Shield Band Termination (RFI/EMI), Shrink Sleeve Accommodation, Category 3B (For MIL-DTL-38999 Series I and II Connectors)

This amendment forms a part of AS85049/86A Dated 2007-06

1). Present Requirement: (Sheet 1)

The requirements for procuring the product described herein shall consist of this specification sheet and the latest issue of: SAE AS85049.

Change Requirement: (Sheet 1)

NOTICE

The requirements for procuring the product described herein shall consist of this specification sheet and the latest issue of SAE AS85049.

Rationale for Change: Up-dated the procurement statement to comply with SAE guidelines.

2). Present Requirement: (Sheet 1, Figure 1)

None

Change requirement:

Pictorially show the O-Ring. Location: above the backshell connector interface, captive within the coupling nut.

Rationale: O-ring supplied but Inadvertently left out pictorially; consistent with AS85049/85 and AS85049/87.

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 reaffirmed, revised, or cancelled. SAE invites your written comments and suggestions.

Copyright © 2010 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)
Tel: +1 724-776-4970 (outside USA)
Fax: 724-776-0790
Email: CustomerService@sae.org
http://www.sae.org

**SAE values your input. To provide feedback
on this Technical Report, please visit
http://www.sae.org/technical/standards/AS85049/86A_A1**

SAE WEB ADDRESS:

3). Present Requirement: (Requirements, Finish, sheet 4)

MATERIAL AND FINISH: IN ACCORDANCE WITH SAE AS85049 AND TABLE 2.

TABLE 2 - MATERIAL AND FINISH

FINISH	MATERIAL
N - ELECTROLESS NICKEL <u>1/</u>	ALUMINUM ALLOY
P - CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL (SELECTIVE PLATING, SEE FIGURE 2) <u>2/</u>	
W - CADMIUM OLIVE DRAB <u>2/</u>	

1/ N NOT FOR NAVY USE. LIMITED TO SPACE APPLICATIONS FOR AIR FORCE USE.

2/ P AND W NOT FOR USE IN SPACE APPLICATIONS.

Change Requirement: (Requirements, Material and Finish, sheet 4)

Material and Finish: In accordance with AS85049. See Table 2.

Table 2 – Material and Finish

Finish	Material
<u>1/</u> N-Electroless nickel	Aluminum alloy in accordance with AS85049
<u>2/</u> P-Cadmium olive drab over Electroless Nickel (Selective plating, see figure 2)	
YP-Pure dense electrodeposited aluminum (selective plating, see figure 2)	
<u>2/</u> W-Cadmium olive drab	
X-Nickel Fluorocarbon Polymer	
<u>2/</u> Z-Zinc Nickel	
<u>2/</u> ZP- Zinc Nickel (selective plating, see figure 2)	

1/ Not for Navy use, restricted to Air Force space applications only.

2/ P, W, Z and ZP finish not for use in space applications. Also see specification notes.

Rationale for Change: Added the X, YP, Z and ZP plating options and appropriate footnotes to this detail sheet in support of the AS85049B-A3 amendment.