

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

This amendment forms a part of AS85049/85A Dated 2004-10

1). Present Requirement: (Sheet 1)

THE REQUIREMENTS FOR ACQUIRING THE PRODUCT DESCRIBED HEREIN SHALL CONSIST OF THIS SPECIFICATION SHEET AND THE ISSUE OF THE FOLLOWING SPECIFICATION LISTED IN THAT ISSUE OF THE DEPARTMENT OF DEFENSE INDEX OF SPECIFICATIONS AND STANDARDS (DODISS) SPECIFIED IN THE SOLICITATION: 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: (Requirements, Material and Finish, sheet 3)

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

TABLE 2 - MATERIAL AND FINISH

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

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

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Change Requirement: (Requirements, Material and Finish, sheet 3)

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.

3). Present Requirement: (Requirements, Sheet 3 & Qualification, sheet 4)

Vibration: Backshells shall be subjected to test parameters of applicable specifications. The coupling torque shall be within +20, -10 inch-pounds of the initial value.

QUALIFICATION:

QUALIFICATION: SEE AS85049, CATEGORY 3B.

QUALIFICATION IS REQUIRED FOR U.S. GOVERNMENT PROCUREMENT. THE QPL EVALUATING ACTIVITY, FOR U.S. DEPARTMENT OF DEFENSE PROCUREMENT PURPOSES, NAVAL AIR SYSTEMS COMMAND (CODE 4.4.4.3), 22229 ELMER ROAD, BUILDING 2380, PATUXENT RIVER, MD 20670.

Change Requirement: (Requirements, Qualification, sheet 4)

Qualification: See AS85049, Category 3B.

Rationale for Change: The vibration test parameter and Qualifying Activity information has been updated and added to the AS85049 basic specification and is no longer necessary on detail sheets.