

SAE Aerospace An SAE International Group	AEROSPACE STANDARD AMENDMENT	SAE AS85049/90A-A1	
		Issued 2010-03	
Connector Accessories, Electrical, Backshell, 90°, Self-Locking, Shield Band Termination, (RFI/EMI), Shrink Sleeve Accommodation, Category 3B (For MIL-DTL-38999 Series III And IV Connectors)			

This amendment forms a part of AS85049/90A 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 Requirements: (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: (Material and Finish, Table 2, sheet 3)

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TABLE 2 - MATERIAL AND FINISH

FINISH	MATERIAL
G - ELECTROLESS NICKEL (SPACE GRADE) <u>1/</u> N - ELECTROLESS NICKEL <u>1/</u> P - CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL (SELECTIVE PLATING, SEE FIGURE 2) <u>2/</u> W - CADMIUM OLIVE DRAB <u>2/</u>	ALUMINUM ALLOY
J - CADMIUM OLIVE DRAB <u>2/</u> L - CADMIUM OLIVE DRAB OVER ELECTROLESS NICKEL (SELECTIVE PLATING, SEE FIGURE 2) <u>2/ 3/</u> M - ELECTROLESS NICKEL <u>1/</u>	COMPOSITE

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

2/ P, W, J, L, NOT FOR USE IN SPACE APPLICATIONS.

3/ MUST MEET THE REQUIREMENTS, AND PASS THE TESTS FOR FINISH J.

Change Requirement: (Material and Finish, Table 2, sheet 3)

TABLE 2 – MATERIAL AND FINISH

Finish	Material
G – Electroless Nickel <u>1/</u> (Space grade) N – Electroless Nickel <u>1/</u> P – Cadmium Olive Drab over Electroless Nickel, (Selective Plating, see figure 2) <u>2/</u> W – Cadmium Olive Drab <u>2/</u> X – Nickel Fluorocarbon Polymer Z – Zinc Nickel <u>2/</u> YP – Pure Dense Electrodeposited Aluminum, (Selective Plating, see figure 2) ZP – Zinc Nickel (Selective Plating, see figure 2) <u>2/</u>	Aluminum Alloy
J – Cadmium Olive Drab <u>2/</u> L – Cadmium Olive Drab over Electroless Nickel, (Selective Plating, see figure 2) <u>2/ 3/</u> M – Electroless Nickel XC – Nickel Fluorocarbon Polymer YL – Pure Dense Electrodeposited Aluminum, Selective Plating, see figure 2) <u>3/</u> ZC – Zinc Nickel <u>2/</u> ZL – Zinc Nickel (Selective Plating, see figure 2) <u>2/ 3/</u>	Composite

1/ G and N finish not for Navy use, restricted to Air Force space applications only.

2/ P, W, Z, ZP, J, L, ZC and ZL finishes are not for use in space applications. Also see specification note

3/ Must meet the requirements and pass tests for Finish J.

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

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

Additional tests for finishes J, L, and M shall be as follows:

Change Requirement: (Requirements, sheet 3)

Additional tests for finishes J, L, M, XC, YL, ZC, and ZL shall be as follows:

Rationale for Change: To include the new composite finishes for this testing.

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