

INCH-POUND

MIL-PRF-39012/69B  
 AMENDMENT 2  
 15 December 1999  
 SUPERSEDING  
 AMENDMENT 1  
 17 October 1988

PERFORMANCE SPECIFICATION

CONNECTORS, PLUGS, ELECTRICAL, COAXIAL, RADIO FREQUENCY,  
 SERIES SMB (CABLED, SOCKET CONTACT, RIGHT ANGLE, CLASS 2)

This amendment forms a part of MIL-PRF-39012/69B, dated 24 September 1986, and is approved for use by all Departments and Agencies of the Department of Defense.

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\*FIGURE 2: Delete in its entirety.

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\*TABLE I, add the following new dash numbers to the following categories:

" TABLE I. Part numbers, usage cross-reference, basic overall dimensions.

Part Number	Applicable Cable No. ≡	Typical mating Connector (optional hardware) <u>1/ 2/</u>	Dimensions	Inches (millimeters) Maximum <u>3/</u>
CATEGORY A – FIELD SERVICEABLE (NO SPECIAL TOOLS REQUIRED)				
M39012/69-4101 <u>4/</u>	M17/93-RG178* M17/169-00001∅	M39012/68-4101 M39012/70-4101	A	.63 (16.00)
			B	.80 (20.32)
			C	.50 (12.70)
			D	.67 (17.02)
M39012/69-4102 <u>4/</u>	M17/119-RG174 M17/173-00001∅ M17/113-RG316* M17/172-00001∅ M17/94-RG179Δ	M39012/68-4102 M39012/70-4102	A	.63 (16.00)
			B	.80 (20.32)
			C	.50 (12.70)
			D	.67 (17.02)
CATEGORY C – FIELD REPLACEABLE (MIL-C-22520/5-01 BASIC CRIMP TOOL) <u>6/</u>				
M39012/69-4001 <u>4/</u>	M17/93-RG178* M17/169-00001∅	M39012/68-4001 M39012/70-4001	A	.63 (16.00)
			B	.80 (20.32)
			C	.50 (12.70)
			D	.67 (17.02)
M39012/69-4002 <u>4/</u>	M17/119-RG174Σ M17/173-00001∅Σ M17/113-RG316* M17/172-00001∅Σ M17/94-RG179Δ@Σ	M39012/68-4002 M39012/70-4002	A	.63 (16.00)
			B	.80 (20.32)
			C	.50 (12.70)
			D	.67 (17.02)

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\*REQUIREMENTS, Mating characteristics: Delete "See figure 2 for dimensions.", and substitute "See MIL-STD-348A."

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\*Insertion loss: Delete "1.5 GHz" and substitute "4.0 GHz".

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TABLE V, delete and substitute footnote 1/ as printed below:

"The 'B' part number is required marking for connectors manufactured after 24 March 1987. The connectors that are in stock or distribution that were previously qualified and marked with the old part number shall also be considered acceptable for Government use until stock is purged. (Applies to category "B" P/N change only; M39012/XXBXXX)."

NOTE: The margins of this amendment are marked with asterisks to indicate where changes from the previous amendment were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last.

CONCLUDING MATERIAL

Custodians:

Army – CR  
Navy - EC  
Air Force – 11  
DLA-CC

Preparing activity:

DLA-CC

(Project 5935-4250-02)

Review activities:

Army – AT, AV, EA, MI  
Air Force- 11, 19, 99  
Navy – AS, MC, OS, SH