

MILITARY SPECIFICATION SHEET

CONNECTOR, RECEPTACLES, ELECTRICAL, COAXIAL, RADIO FREQUENCY,
STRIP OR MICROSTRIP TRANSMISSION LINE,
SERIES SMA (SOCKET CONTACT, END LAUNCH)

This amendment forms a part of MIL-C-83517/9, dated 20 September 1982, and is approved for use by all Departments and Agencies of the Department of Defense.

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TITLE: Delete and substitute new title as printed in this amendment.

FIGURE 1, mounting hole size: Delete ".090 ±.003" and substitute ".090 +.003, -.000".

FIGURE 1, NOTES, add new note 4 as follows:

"4. Mounting screws shall be steel in accordance with MIL-C-83517. Number 2 screws are suggested for mounting."

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FIGURE 2, mounting hole size: Delete ".090 ±.003" and substitute ".090 +.003, -.000".

FIGURE 2, NOTES, add new note 4 as follows:

"4. Mounting screws shall be steel in accordance with MIL-C-83517. Number 2 screws are suggested for mounting."

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*FIGURE 3: Delete in its entirety.

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ENGINEERING PARAMETERS, Voltage rating: Delete "600 Vrms maximum at sea level" and substitute "600 V rms maximum at sea level, 335 V rms for -31001 only."

REQUIREMENTS, following design and and construction, add: "Interface shall be in accordance with MIL-STD-348, figure 310-2."

*REQUIREMENTS, Design and construction: Delete "See figures 1 through 3 and table I", and substitute "See figures 1 and 2, table I, and MIL-STD-348".

*FIGURE 4, Test pin data: Delete " $90^\circ \pm 1^\circ$ " and substitute " $69^\circ \pm 1^\circ$ ".

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Voltage standing wave ratio (VSWR), Step 4: Delete "(to be determined) and substitute "1.10 +.02 F (F in GHz)".

RF transmission loss: Delete "(to be determined)" and substitute " $.07\sqrt{F}$ (tested from 2-18 GHz, F in GHz)".

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RF high potential withstanding voltage, RF voltage: Delete "1,000 Vrms" and substitute "670 Vrms".

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 – 85

Preparing activity:
DLA – CC

(Project 5935-4180-06)

Review activities:
Army – AR, AT, CR4, MI
Navy – AS, MC, OS, SH
Air Force – 11, 99