

INCH-POUND

MIL-J-641E  
AMENDMENT 2  
24 January 2000  
SUPERSEDING  
AMENDMENT 1  
18 July 1985

MILITARY SPECIFICATION

JACKS, TELEPHONE,  
GENERAL SPECIFICATION FOR

This amendment forms a part of MIL-J-641E, dated 26 February 1979, and is approved for use by all Departments and Agencies of the Department of Defense.

PAGE 10

4.6.8, delete and substitute:

"4.6.8 Vibration (see 3.6.7). Jacks shall be tested in accordance with method 2005 of MIL-STD-1344. The following details and exceptions shall apply:

- a. Method of mounting: Jacks shall be mounted with their longitudinal axis in a horizontal plane.
- b. Test condition: I.
- c. Direction of motion: Along the axis of the jack, and then perpendicular to the axis of the jack.
- d. Measurements during vibration: Each jack shall be monitored for electrical continuity, using a test current of  $100 \pm 2$  milliamperes, dc. Loss of continuity for a period longer than 10 microseconds constitutes a failure.
- e. Measurements after vibration: Contact resistance shall be measured as specified in 4.6.2.
- f. The vibration test shall be performed on jacks, both unmated (without the mating plug) and mated (with the mating plug).
- g. Mating plug: The applicable mating plug (see table IV) shall have a 3-foot  $\pm 3$  inch length of cord, of the type normally used with the plug, attached and hanging free. The mating plug shall be inserted into the jack and shall remain inserted in the jack throughout the mated portion of the test."

PAGE 18

6.1, delete and substitute:

"6.1 Intended use. The telephone jacks covered by this specification are primarily for use in ground support and shipboard communications equipment. Those connectors which form an integral part of a headset and do not encounter a high vibration environment may be used for aerospace applications."

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\* 6.4 and 6.4.1, delete and substitute:

“6.4 Qualification. With respect to products requiring qualification, awards will be made only for products which are, at the time of award of contract, qualified for inclusion in Qualified Products List (QPL-641) whether or not such products have actually been so listed by that date. The attention of the contractors is called to these requirements, and manufacturers are urged to arrange to have the products that they propose to offer to the Federal Government tested for qualification in order that they may be eligible to be awarded contracts or purchase orders for the products covered by this specification. Information pertaining to qualification of these products may be obtained from Defense Supply Center Columbus, DSCC-VQP, 3990 East Broad Street, Columbus, OH 43216-5000.”

The margins of this amendment are marked with an asterisk to indicate where a change from the previous amendment was 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 notation and relationship to the last previous document.

CONCLUDING MATERIAL

Custodians:

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

Preparing activity:  
DLA - CC

(Project 5935-4238)

Review activities:

Army - AR, AV, CR4, MI  
Navy - AS, MC, OS, SH  
Air Force - 19, 99