

File E28476
Project 92ME33145

Issued: March 8, 1993
Revised: February 03, 2011

REPORT

On

COMPONENT - RECEPTACLES FOR ATTACHMENT PLUGS AND PLUGS

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Harrisburg, PA

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D E S C R I P T I O NPRODUCT COVERED:

Component Connectors - Microstrip Series.

GENERAL:

These devices are multipole connectors employing terminals for soldering to a printed wiring board.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Use - For use only in complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - In order to be judged acceptable as a component of electrical equipment, the following conditions should be met.

1. These devices should be used only where they will not interrupt the current.
2. These devices have not been tested for current-carrying capability.
3. The suitability of the mounting means shall be determined in the end use.
4. The electrical and mechanical suitability of the wiring terminals shall be determined in the end use.
5. The placement of these devices within the equipment enclosure should be such that spacings between the live parts and the equipment are suitable for the particular application.
6. The suitability of the min 0.96 mm (0.038 in) spacings between live parts of opposite polarity (including adjacent poles) and between live parts and exposed dead metal parts shall be determined in the end use. Dielectric testing has not been performed.

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7. The electrical and mechanical contact between the connector and the printed circuit board is to be judged in the end use equipment.

8. The suitability of the insulating materials used in the molded bodies shall be judged in the end use equipment.

9. The operating temperature of these devices should not exceed the temperature ratings of the insulating materials. These materials may be used interchangeably at a max temperature of 150°C.

10. The operating temperature of the device, Board to Board 0.738 Vertical Stack Plug Assembly, materials resin 1573235 should not exceed the temperature ratings of the insulating materials. The materials may be used interchangeably at a max temperature of 130°C.