DESCRIPTION

PRODUCT COVERED:

Component - Connectors, SLIM Universal Power Module Connector Series.

GENERAL:

These devices are multi-pole connectors employing Action Pin terminals for press-fit to a printed wiring board where the acceptability of combinations is determined by Underwriters Laboratories Inc.

TECHNICAL 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 have not been tested for interrupting the flow of current by connecting or disconnecting the mating connector. These devices should be used only where they will not interrupt the flow of current.

2. These devices have not been subjected to the Temperature test and as a result do not have an assigned current rating. The device's current-carrying capability is to be reviewed in the end-use by measuring temperatures on the connector housing and/or terminals when current is flowing through the connector under conditions of normal use.

3. The suitability of the mounting means shall be determined in the end use.

4. The placement of these devices within the equipment enclosure should be such that spacing between the live parts and the equipment are suitable for the particular application.

5. The suitability of the min 1.20 mm (0.047 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.

6. The electrical and mechanical contact between the connector and the printed circuit board is to be determined in the end-use equipment.

7. The operating temperature of these devices should not exceed the temperature rating of the insulating material, 130°C. Mold Stress Relief testing was conducted at a temperature of 140°C.

8. The flame class rating of the insulating materials used in the connector housing has not been evaluated.