

File E28476
Project 94ME77271

Issued: August 30, 1994

Revised: August 7, 2008

REPORT

on

CONNECTORS FOR USE IN DATA, SIGNAL, CONTROL AND POWER APPLICATIONS

AMP Inc.
Harrisburg, PA

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DESCRIPTION

PRODUCT COVERED:

Component Connectors - Z-Pack 2 mm FB Connectors.

GENERAL:

These devices are multi-pole two-piece pin and receptacle edgecard connectors employing contacts of the solder and press-fit termination type for use with printed circuit boards.

FB represents FUTUREBUS +.

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 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.
5. The suitability of the min 0.51 mm (0.020 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 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.

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 the max temperature of 130°C.
- *10. The five row die-cast Z-pack 2 mm FB connector series is provided with an insert used to support the contacts. The material **may be used at the** max temperature rating of 65°C.