



Underwriters Laboratories Inc.®

APP'S REPORT

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File E28476  
Project 90ME10511

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REPORT

on

COMPONENT - RECEPTACLES FOR ATTACHMENT PLUGS AND PLUGS

Amp Inc.  
Harrisburg, PA

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testing for public safety

D E S C R I P T I O N

PRODUCT COVERED:

- \* Component Connectors - Series CHAMP 050.

GENERAL:

\* These devices are multi-pole connectors employing contacts of the solder and insulation displacement contact termination type for use with printed circuit boards and to discrete wire. These devices provide Wire-to-Board connection and Board-to-Board connection.

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. Nonadjacent poles may be used at potentials not exceeding 250 V provided that the spacings requirements of Paragraph 12.1 of UL 498, Eleventh Edition.
6. The suitability of the spacings between adjacent poles and the associated voltage rating shall be determined in the end-use. Dielectric testing has not been performed.

E.O.  
J.T.

7. The electrical and mechanical contact between the connector and the printed wiring 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 maximum temperature of 50°C.

10. These devices have not been evaluated for Electromagnetic Interference or Electrostatic Discharge and should be judged in the end-use application.

11. Accessories such as: inner shields, shielded cases, screw mounting, retention leg mounting, wire exit cases, hardware, etc. has not been evaluated and should be judged in the end-use application.

R.R.  
J.T.