

File E28476  
Project 88ME13410

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REPORT

On

**\*COMPONENT - CONNECTORS FOR USE IN DATA, SIGNAL, CONTROL AND POWER  
APPLICATIONS**

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Harrisburg, PA

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## DESCRIPTION

## PRODUCT COVERED:

USR, CNR - Component Connectors, AMP Multifitting Mark II Series, AMP GERMANY MULTIFITTING SERIES CONNECTORS, Tab and Edge Connectors - Connectors in In-Line Mating Technology.

USR, CNR - Component Connectors, AMP Multifitting Mark II Series, AMP GERMANY MULTIFITTING SERIES CONNECTORS, Tab and Edge Connectors - Connectors in In-Line Mating Technology, model 1-1534072-0, 2333613-4, 2-1534072-4, 3-2178661-4.

USR, CNR - Component Connectors, Cat. Nos. **2366308-3, 2295162-5, 2393854-X where X = 1,2 (corresponding to the number of poles).**

## GENERAL:

These devices are multi-pole connectors employing contacts of the crimp and insulation displacement termination type for use in electrical equipment where the acceptability of the combinations is determined by UL LLC. The devices are identified as follows:

\* USR - **Products designated USR have been investigated using US requirements as noted in the Test Record.**

\* CNR - Products designated CNR have been investigated using Canadian requirements as noted in the Test Record\*.

## RATINGS:

No electrical ratings

## 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 acceptability of the grounding connection shall be determined by the end product use engineer.
5. The electrical and mechanical suitability of the wiring terminals shall be determined in the end use.
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 adjacent poles may be used at potentials not exceeding 600 V, and for the Edge connectors 250 V, based on the spacings requirements of Paragraph 11.1 of UL 1977. Dielectric testing has not been performed.

8. The electrical and mechanical contact between the connector and the printed wiring board is to be judged in the end-use equipment.

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

10. The operating temperature of these devices should not exceed the temperature ratings of the insulating materials.

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