

D E S C R I P T I O N

PRODUCT COVERED:

USR Component Connectors - Standard Edge II and III+ Connector Series.

USR, CNR Component Connectors - Standard Edge II High Current Connector Series.

GENERAL:

These devices are multipole edgcard connectors employing round and square solder or wrap post terminals for soldering to a printed wiring board.

USR indicates investigation to United States Standards, UL 1977.

CNR indicates investigation to Canadian National Standards, C22.2 No. 182.3.

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. The **Standard Edge II and III+ Connector Series** have not been tested for current-carrying capability. **The Standard Edge II High Current Connector Series has been tested for current-carrying capability.**

These devices have been subjected to the Temperature test with the rated currents and maximum temperature rise values tabulated below.

Series	Current, A	Maximum Temperature Rise, °C
Std. Edge II High Current Connector	4	23.4

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

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4. The electrical and mechanical suitability of the wiring terminals **for Standard Edge II and III+ Connector Series** shall be determined in the end use.

5. The placement of these device 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 1.24 mm (0.049 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 **on the Standard Edge II and III+ Connector Series**.

* 7. **Standard Edge II and III+ Connector Series** 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 performed.

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 75°C.

10. Optional hardware and accessories, such as: low, mid, high mounting ears, board retention features and card extender post have not been evaluated, and should be considered in the end use application.