

## DESCRIPTION

## PRODUCT COVERED:

USR, CNR Component Connectors, Series AMC B+ and MicroTCA Vertical Card Edge.

## GENERAL:

These devices are multi-pole connectors intended for factory assembly on printed wiring boards where the acceptability of combinations is determined by Underwriters Laboratories Inc. The devices are identified as follows:

USR indicates investigation to United States Standards, UL 1977, Second Edition.

CNR indicates investigation to Canadian National Standards, C22.2 No. 182.3-M1987.

## ELECTRICAL RATING:

	Current (A)	Voltage (V)
USR	--	-
CNR	Less than 1	Less Than 30

## TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE'S USE):

Use - For use only in or with complete equipment where the acceptability of the combination is determined by Underwriters Laboratories Inc.

Conditions of Acceptability - The following are among the considerations to be made when evaluating the device in the end-use product.

## Interruption of Current

1. These devices are not suitable for interrupting the flow of current by connecting or disconnecting the mating connector.

## Current-Carrying Capability and Current Ratings

2. USR - 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.

CNR - These devices have been assigned an electrical rating based on the Type 0 exception statement in Table B2 of CSA C22.2 No. 182.3.

## Insulating Materials

3. The insulating materials used in these devices comply with the electrical insulation requirements of UL 746C, the Standard for Polymeric Materials - Use in Electrical Equipment Evaluations.

4. These devices employ insulating materials with properties as tabulated below at the minimum thickness employed in the connector housing, the suitability of the insulating materials based on the documented values shall be determined in the end-use application. Please note the values specified in the table when multiple materials are indicated represent the minimum values for the group of materials.

Series	Insulating Material	Measured Minimum Thickness	Flame Class	HWI	HAI	RTI Elec	RTI Str	Max Operating Temp, °C
AMC B+	A	0.51 mm	V-0	4	0	130	130	130
MicroTCA Vertical Card Edge	B	0.41 mm	V-0	0	0	240	240	240

A.

B.