

## DESCRIPTION

## PRODUCT COVERED:

USR, CNR Component Connector, Cat. Nos. **293522-1, 293522-2, 293521-1**

## GENERAL:

\* These devices are multi-pole connectors intended for factory assembly on 26 AWG ribbon cable with solid conductors and either 18 or 20 AWG solid copper conductors 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.

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

## RATINGS:

Cat. No	AWG Size	Voltage Rating, Vdc	Current Rating, A
<b>293521-1</b>	26 AWG-4 conductor ribbon cable	35	1.5
	18, 20 solid copper	35	6
<b>293522-1, 293522-2</b>	<b>26 AWG - 2 conductor ribbon cable</b>	<b>35</b>	<b>1.5</b>

## 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.

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

2. These devices have been subjected to the Temperature test with the rated currents and maximum temperature rise values tabulated below. Testing conducted on the 20AWG conductor was considered representative of larger conductor sizes. **Testing was considered representative of Cat. No. 293522-1 and 293522-2.**

Cat Nos.	Current, A	Maximum Temperature Rise, °C
293521-1	1.5 A for <b>26 AWG</b> ribbon cable	10.4
	6A for 20 AWG	12.3

3. 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.

Cat. No.	Insulating Material (#)	Measured Minimum Thickness	Flame Class	HWI	HAI	RTI Elec	RTI Str
293522-1, 293522-2, 293521-1 - body	A	0.36 mm	(*)	3	3	130	125
293522-1, 293522-2, 293521-1 - insert	B	1.21 mm	HB	-	-	50	50

(\*) - Flame class determined by End-product flammability testing.

(#) - Code for Insulating Body Material.

A. [REDACTED] - clear color

1. Dielectric strength (kV/mm): 24
2. CTI: 3

B. [REDACTED] - white color

\*

[REDACTED] TE RM 1573018

[REDACTED] TE RM 705374

4. The suitability of the insulation displacement terminals shall be determined in the end use.
5. Gel material used as insulation in the connector has not been evaluated.