

DESCRIPTION

PRODUCT COVERED:

USR, CNR Component Connector, Scalable LED socket connectors, Part Nos.
2154857-x and 2154874-x

GENERAL:

These devices are multi-pole connectors intended for factory assembly on copper wire sizes as indicated in Ratings table below where the acceptability of combinations is determined by UL LLC. 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:

Part Nos.	Voltage Vac/Vdc	Ampere (A)	Conductor Sizes, AWG Sol/Str
2154857-x	250	3	18-20 Str 18-22 Sol
2154874-x	250	3	18-20 Str 18-22 Sol

Disconnecting Use - see Sec Gen for required marking

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 UL LLC.

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

Part Nos.	Current, A	Maximum Temperature Rise, °C
2154857-x 22 AWG Sol	3	7.5
2154857-x 20 AWG Str	3	11.8

Insulating Materials

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	Max Operating Temp, °C
2154857-x 2154874-x	A	0.63 mm	V0	-	-	130	130

(#) - Code for Insulating Body Material.

- A. Tyco Raw Material # 1573551
 1. Dielectric strength (kV/mm): -
 2. CTI: 2