

DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component Connector, Cat. No. 2134347-1.

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.

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

RATINGS:

| Cat. No. | Voltage Rating, V (ac/dc) | Current Rating, A |
|-----------|------------------------------|----------------------|
| 2134347-1 | 250 | 3 |

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

| Cat No. | Current, A | Maximum Temperature, °C | Maximum Temperature Rise, °C |
|-----------|------------|----------------------------|---------------------------------|
| 2134347-1 | 3 | 52.1 | 27.1 |

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 |
|-----------|-------------------------|----------------------------|-------------|-----|-----|----------|------------------------|
| 2134347-1 | A | 0.73 mm | V-0 | 4 | 3 | 130 | 105 |

(#) - Code for Insulating Body Material.

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

Terminations

4. The suitability of the spring force type terminal for connection shall be determined in the end-use.

Miscellaneous

5. A mounting screw of size M3 that is inserted through the top of the connector to secure the connector to the printed wiring boards shall have a flat head and shall be torqued to a maximal of 0.63 N·m.