DESCRIPTION

PRODUCT COVERED:

Component Connectors, 2 mm, 2.5 mm Pitch Battery Connectors

GENERAL:

These devices are multi-pole connectors intended for factory assembly to 24 AWG stranded copper conductors where the acceptability of combinations is determined by Underwriters Laboratories Inc.

USR indicates investigation to United States Standards, UL 1977.

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 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.

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..

Models	Insulating Material (#)	Measured Minimum Thickness	Flame Class	HWI	HAI	RTI Elec	RTI Str	Max Operating Temp, ^{0}C
2 mm, 2.5 mm Pitch Battery Connectors	A	0.4 mm	-	-	-	110	120	110

#) – Code for Insulating Body Material.

*A. Tyco Raw Material # **1573144**

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

Terminations

4. The insulation-displacement terminals are intended for factory installation only and the mechanical and electrical properties of the terminals have not been evaluated. The suitability of these terminations shall be determined in the end product.