

CERTIFICATE OF COMPLIANCE

Certificate Number 20170711-E28476
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Issued to: TYCO ELECTRONICS CORP
2901 FULLING MILL RD
MIDDLETOWN PA 17057-3170

**This is to certify that
representative samples of**

COMPONENT - CONNECTORS FOR USE IN DATA,
SIGNAL, CONTROL AND POWER APPLICATIONS
SR, CNR Component Connector, Duoplug Connector
Housing, Cat. Nos. 1718044-1 and -2, -3, -4, -5

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 1977, Component Connectors for Use in Data, Signal,
Control and Power Applications, and CAN/CSA C22.2 No.
182.3-16

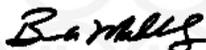
Additional Information: See the UL Online Certifications Directory at
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Only those products bearing the UL Certification Mark should be considered as being covered by UL's
Certification and Follow-Up Service.

The UL Recognized Component Mark generally consists of the manufacturer's identification and catalog
number, model number or other product designation as specified under "Marking" for the particular
Recognition as published in the appropriate UL Directory. As a supplementary means of identifying products
that have been produced under UL's Component Recognition Program, UL's Recognized Component Mark:
, may be used in conjunction with the required Recognized Marks. The Recognized Component Mark is
required when specified in the UL Directory preceding the recognitions or under "Markings" for the individual
recognitions.

Recognized components are incomplete in certain constructional features or restricted in performance
capabilities and are intended for use as components of complete equipment submitted for investigation rather
than for direct separate installation in the field. The final acceptance of the component is dependent upon its
installation and use in complete equipment submitted to UL LLC.

Look for the UL Certification Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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DESCRIPTION

PRODUCT COVERED:

USR, CNR Component Connector, Duoplug Connector Housing, Cat. Nos. 1718044-1 and -2, **-3, -4, -5.**

GENERAL:

These devices are two-pole connectors employing tab contacts for use with receptacle connectors 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 FOR MODELS 1718044-1 AND 1718044-2, **1718044-3, 1718044-4, 1718044-5:**

250 V ac/dc
2 A with No. 22
5 A with No. 20 AWG
6 A with No. 18 AWG
Flammability - V2

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.

Cat Nos.	Current, A	Maximum Temperature Rise, °C
1718044-1, -2, -3, -4, -5 with No. 18 AWG	6	10.6
1718044-1, -2, -3, -4, -5 with No. 20 AWG	5	6.3
1718044-1, -2, -3, -4, -5 with No. 22 AWG	2	1.9

4. The flame class rating of the insulating materials used in the connector housing is V-2.

5. 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.	Raw Material No.	Measured Minimum Thickness	Flame Class	HWI	HAI	RTI Elec	RTI Str	Max Operating Temp, °C
1718044-1	702641	.53 mm	V-2	4	0	130	85	85
1718044-2	705304	.53mm	V-2	4	0	130	110	110
1718044-3	705304	.53mm	V-2	4	0	130	110	110
1718044-4	705304	.53mm	V-2	4	0	130	110	110
1718044-5	705304	.53mm	V-2	4	0	130	110	110