

CERTIFICATE OF COMPLIANCE

Certificate Number E28476
Report Reference E28476-20200131
Issue Date 2020-FEBRUARY-11

Issued to: TYCO Electronics Corp
2901 Fulling Mill Rd
Middletown PA 17057

**This certificate confirms that
representative samples of**

COMPONENT - CONNECTORS FOR USE IN DATA,
SIGNAL, CONTROL AND POWER APPLICATIONS
USR, CNR Component Connector, Series AMPMODU 1
MM PCB Mount Header and AMPMODU 1 MM PCB Mount
Receptacle.

Have been investigated by UL in accordance with the
component requirements in the Standard(s) indicated on
this Certificate. UL Recognized components are incomplete
in certain constructional features or restricted in
performance capabilities and are intended for installation in
complete equipment submitted for investigation to UL LLC.


Standard(s) for Safety: UL 1977 Standard for Component Connectors for Use in
Data, Signal, Control and Power Applications,
CSA C22.2 No. 182.3 Standard for Special Use Attachment
Plugs, Receptacles and Connectors.

Additional Information: See the UL Online Certifications Directory at
<https://iq.ulprospector.com> for additional information.

This *Certificate of Compliance* does not provide authorization to apply the UL Recognized Component Mark. Only
the UL Follow-Up Services Procedure provides authorization to apply the UL Mark.

Only those products bearing the UL Recognized Component Mark should be considered as being UL Certified
and covered under UL's Follow-Up Services.

Look for the UL Recognized Component Mark on the product.



Bruce Mahrenholz, Director North American Certification Program

UL LLC

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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



DESCRIPTION

PRODUCT COVERED:

USR, CNR Component Connector, Series AMPMODU 1 MM PCB Mount Header and AMPMODU 1 MM PCB Mount Receptacle.

USR indicates investigation to United States Standards, UL 1977.

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

GENERAL:

These devices are multi-pole connectors intended for factory assembly on printed wiring boards where the acceptability of combinations is determined by UL LLC. The devices are identified as follows:

RATINGS:

Series	Voltage Vac/Vdc	US Ampere (A)	Canadian Ampere (A)	Conductor Sizes, AWG
AMPMODU 1 MM PCB Mount Header	30	1	0.9	N/A - PCB
AMPMODU 1 MM PCB Mount Receptacle	30	1	0.9	N/A - PCB

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 and recorded temperature (adjusted to 25°C ambient) values tabulated below:

Cat Nos.	Current, A	Maximum Temperature °C	
		Rise	Recorded Temperature
2267465-1 mated with 2331928-1*	1	31.48	56.48

* - These cat. nos. represent the entire series.

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.

	Insulating Material (#)	Measured Minimum Thickness	Flame Class	HWI	HAI	RTI Elec Temperature, °C
AMPMODU 1 MM PCB Mount Header	A	0.39 mm	V-0	4	1	130
AMPMODU 1 MM PCB Mount Receptacle	A	0.39 mm	V-0	4	1	130

(#) - Code for Insulating Body Material.

- A. Raw Material 2136397
 1. Dielectric strength (kV/mm): -
 2. CTI: 3

4. Mold Stress testing was performed at 140°C for 7 hours.

PART NUMBERING SYSTEM:

AMPMODU 1 MM PCB Mount Header and AMPMODU 1 MM PCB Mount Receptacle consist of a part numbering system X-YYYYYYY-Z or YYYYYYY-Z where X may be any number from 1 to 9; Y and Z may be any number from 0-9.