CERTIFICATE OF COMPLIANCE

Certificate Number	20120827-E28476
Report Reference	E28476-19780426
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Issued to: TYCO ELECTRONICS CORP
2100 PAXTON ST
HARRISBURG PA 17111

This is to certify that representative samples of COMPONENT - CONNECTORS FOR USE IN DATA, SIGNAL, CONTROL AND POWER APPLICATIONS
METRIMATE™ Connector

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
C22.2 No. 182.3-M1987, Special Use Attachment Plugs, Receptacles and Connectors

Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. 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. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada: and 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.

The final acceptance of the component is dependent upon its installation and use in complete equipment submitted to UL LLC.

Look for the UL Recognized Component Mark on the product.

William R. Carney, Director, North American Certification Programs

UL LLC

DESCRIPTION

PRODUCT COVERED:

Component - METRIMATE™ Connector.

ENGINEERING CONSIDERATIONS:

General Character and Use - These devices are multiple combination attachment plugs and receptacles intended for use within the enclosure of the electrical appliances. They are to be considered suitable for use in electrical equipment submitted to Underwriters Laboratories Inc. where the following tabulated conditions have been investigated and found acceptable.

Suffix numbers in the Cat. Nos. indicate differences in construction such as plating, color, mounting means, etc.

The Metrimate Connector was formerly the Series MI.

CONDITIONS TO BE INVESTIGATED:

1. These devices are suitable only where not subjected to current interruption.

2. The current carried shall be judged under the requirements applicable to the electrical equipment in which these devices are used with respect to operating temperatures.

Only the following devices using the type III+ contacts, part designations 1-66360-5, 2-66358-0, 1-66361-5, 1-66359-7, 1-66360-4, 1-66358-9, 1-66361-4 and 1-66359-6;representative of part designations 1-66598-1, 1-66601-0, 1-66597-0, 66602-9, 1-66598-2, 1-66601-2, 1-66597-1 and 1-66602-0, each crimped to 14 AWG wire have been investigated for the current ratings tabulated.

Connector Size	Positions Loaded	Current	Max Temp.	Max Rise
36 Pos.	1	24 A	55.3°C	28.9°C
36 Pos.	18	11 A	55.2°C	27.8°C
36 Pos.	36	9 A	57.1°C	29.1°C

3. The max temperature on the module bodies, (contact support) should not exceed **120°C.**

4. These devices may be wired with 600 V ac or dc max between adjacent contacts.

5. The plug pins and receptacle contacts are for assembly on No. 14 to 32 AWG inclusive, stranded copper wire leads by crimping, clip on, and post type terminations. Wire sizes are given in the Ills.

6. The placement of this device within the appliance enclosure shall be such that spacings between live parts and the appliance are suitable for the particular application.

7. The operating temperature of these devices should not exceed the temperature ratings of the insulating materials. These materials may be used interchangeably at a max temperature of **120°C**.