CERTIFICATE OF COMPLIANCE

Certificate Number	20120921-E28476
Report Reference	E28476-19731129
Issue Date	2012-SEPTEMBER-21
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 See next page for models 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
Additional Information:	See the UL Online Certifications Directory at www.ul.com/database for additional information

Only those products bearing the UL Recognized Component Mark should be considered as being covered by UL's Recognition 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.

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

William R. Carney, Director, North American Certification Programs

UL LLC

CERTIFICATE OF COMPLIANCE

Certificate Number	20120921-E28476
Report Reference	E28476-19731129
Issue Date	2012-SEPTEMBER-21

This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

140 MATE-N-LOK™ Pin and Socket Connectors; Cat. Nos. 480510, 480511, 480586, 480672, 350344, 350347, 480512, 480513, 480585, 480673, 350345, 350346, 794060, 794061, 794683, 794699, 794700, 794861, 794862, 1586305, 880124, and 880125.

All cat. nos. (basic 6 digit cat. nos.) may have Prefix and/or Suffix -0 to -9 incl

William R. Carney

William R. Carney, Director, North American Certification Programs

UL LLC

DESCRIPTION

PRODUCT COVERED:

.140 **MATE-N-LOK™** Pin and Socket Connectors; Cat. Nos. 480510, 480511, 480586, 480672, 350344, 350347, 480512, 480513, 480585, 480673, 350345, 350346, 794060, 794061, 794683, 794699, 794700, 794861, 794862, 1586305, 880124, and 880125.

All cat. nos. (basic 6 digit cat. nos.) may have Prefix and/or Suffix -0 to -9 incl.

ENGINEERING CONSIDERATIONS (NOT FOR UL REPRESENTATIVE USE):

Products above previously Recognized under a different manufacturing location can be found in Vol. 1, Sec. 17 of report dated March 10, 1970.

General - Cat. No. 480510 is a 4 circuit connector body used with socket contacts. It mates with Cat. No. 480512.

Cat. No. 480511 is an 8 circuit connector body used with socket contacts. It mates with Cat. Nos. 480512 and 480513 when used collectively.

Cat. Nos. 480512 and 480513 are 4 circuit connector bodies used with pins.

Cat. Nos. 480585 and 480672 are 9 circuit connector bodies used with sockets.

Cat. Nos. 480585 and 480673 are 9 circuit connector bodies used with pin contacts. They mate with Cat. Nos. 480585 and 480672 respectively.

Cat. No. 61626 is a socket contact in strip form, wire range 14-20 AWG copper. Suffix Nos. -1 to -6 incl. indicated plating variations.

Cat. No. 61627 is a pin contact I strip form, wire range 14-20 AWG copper. Suffix Nos. -1 to -6 incl. indicate plating variations.

Cat. No. 350388 is the loose piece equivalent of Cat. No. 61626.

Cat. No. 350389 is the loose piece equivalent of Cat. No. 61627.

Cat. No. 61628 is a 2 circuit commoning bar used with Cat. No. 480511. Suffix Nos. -1 to -6 incl. indicate plating variations. Use is optional.

Cat. No. 61629 is a 3 circuit commoning bar used with Cat. No. 480511. Suffix Nos. -1 to -6 incl. indicates plating variations. Use is optional.

Cat. No. 61739 is a 2 circuit commoning bar for use with any pin housing in this report. Suffix Nos. -1 to -6 incl. indicating plating variations. Use is optional.

The Cat. Nos. 350344 and 350346 are connector bodies which mate with Cat. No. 350345 and 350347 plugs respectively, and accommodate contacts and pins for either 14-20 AWG or 12-10 AWG wire sizes.

Cat. No. 350200 is a socket contact in strip form, wire range 14-10 AWG copper. Suffix Nos. -1 to -6 incl. indicate plating variations.

Cat. No. 350201 is a pin contact in strip form wire range 14-10 AWG copper. Suffix Nos. -1 to -6 incl. indicate plating variations.

*

Cat. No. 794974 is a pin contact similar to Cat. No. 350201 except longer. Refer to Ill. 12 for dimensional details.

Cat. No. 350390 is the loose piece equivalent of Cat. No. 350200.

Cat. No. 350391 is the loose piece equivalent of Cat. No. 350201.

Cat. Nos. 794060, 794061, 794683, **794699**, 794700, 794861, 794862 and 1586305 are loose piece plug and receptacle connectors as detailed in Ills. 3 - 10.

Conditions of Acceptability - In order to be judged acceptable as a component of electrical equipment, the following list of conditions should be met with particular consideration given to the specific contact and pin part numbers used.

1. These devices should be used only when they will not interrupt the current.

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

3. The maximum operating temperatures shall not exceed those temperatures tabulated in the Insulating Materials portion of this report.

4. These devices may carry currents at potentials not exceeding 600 V between any two circuits based on the results of a Dielectric Voltage Withstand Test.

5. The sockets and pins, Cat. Nos. 61626, 350388, 61627 and 350389 are for factory assembly on No. 14 to 20 AWG stranded copper conductor leads by crimping. The sockets and pins, Cat. Nos. 250200, 350390, 350201 and 350391 are for factory assembly on No. 14 to 10 stranded copper conductor leads by crimping. The above sockets and pins re for factory assembly in housings depicted under Product Covered. The commoning bars 61628 and 61629 are for factory assembly in pin housing 480511. The commoning bar 61739 is for factory assembly in any pin housing in this report.

*