

CERTIFICATE OF COMPLIANCE

Certificate Number 20171201-E173155
Report Reference E173155- 19960718
Issue Date 2017-DECEMBER-01

Issued to: HOLROYD COMPONENTS LTD
SHIRE HILL INDUSTRIAL ESTATE
SAFFRON WALDEN
CB11 3AQ UNITED KINGDOM


This is to certify that representative samples of COMPONENT - HEATERS, SPECIALTY
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 499, Electric Heating Appliances
CSA C22.2 No. 72-10, Heater elements

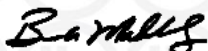
Additional Information: See the UL Online Certifications Directory at www.ul.com/database for additional information

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

Models:

USR, CNR, Component - Silicone Rubber Heaters.


Resistance Wire Type Heaters, Types A-J followed by 001-9999, followed by 01-99, followed by 000-575, followed by 0-15; may be followed by the suffix A, where:

Board size - (A-J)
Number of boards - (001-9999)
Termination - (01-99)
Volts - 575 max
Watt Density - 15 W/in² max
A - adhesive

Flat chemically-etched foil heaters, Types HOL, followed by 001 to 9999, followed by 0 to 575, followed by 01 to 15, may or may not be followed by A, may be followed by suffix “-3000V”,

where:

HOL - indicates etched foil element
001 to 9999 - indicates individual design positive
0 to 575 - indicates operating voltage
01 to 15 - indicates power density in W/in sq
A - indicates self-adhesive
3000V – indicates dielectric strength testing conducted at 3000 V.



Bruce Mahrenholz, Director North American Certification Program
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