



CERTIFICATE OF COMPLIANCE

Certificate Number 20180515-E183844
Report Reference E183844-20111006
Issue Date 2018-MAY-15

Issued to: VISHAY ELECTRONIC GMBH
DR.-FELIX-ZANDMAN-PLATZ 1
95100 SELB GERMANY

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

COMPONENT - ACROSS-THE-LINE CAPACITORS,
ANTENNA-COUPLING COMPONENTS, LINE-BYPASS
COMPONENTS AND FIXED CAPACITORS FOR USE IN
ELECTRONIC EQUIPMENT

See Addendum Page

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

Standard(s) for Safety: See Addendum Page

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:

Class X1 and Y1 Capacitors, Model VY1 series with capacitance from 10pF to 4700pF and AY1 series with capacitance from 470pF to 4700pF, with tolerance suffix code K or M

Safety Standards:

UL 60384-14, Safety Requirements For Fixed Capacitors For Use In Electronic Equipment - Part 14: Sectional Specification: Fixed Capacitors For Electromagnetic Interference Suppression And Connection To The Supply Mains

CSA E60384-1:14, Fixed Capacitors For Use In Electronic Equipment - Part 1: Generic Specification

CSA E60384-14:14, Fixed Capacitors For Use In Electronic Equipment — Part 14: Sectional Specification: Fixed Capacitors For Electromagnetic Interference Suppression And Connection To The Supply Mains

Bruce Mahrenholz, Director North American Certification Program

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