



# CERTIFICATE OF COMPLIANCE

**Certificate Number** E354331  
**Report Reference** E354331-20120420  
**Issue Date** 2020-FEBRUARY-25

**Issued to:** VISHAY ELECTRONICA PORTUGAL LDA  
RUA MAGALHAES DE LIMA, 256  
MEAES CALENDARIO  
VILA-NOVE DE FAMALICAO  
4760-363 FAMALICAO PORTUGAL

**This certificate confirms that representative samples of**

**COMPONENT - FIXED CAPACITORS FOR USE IN ELECTRONIC EQUIPMENT**

Class X2 Wound Film Type Capacitors, 339, 338 2, 336 2, F1778 and 1778 Series with capacitance from 1nF to 4700nF with tolerance suffix code J or K or M.

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:** See addendum page

**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

Any information and documentation involving UL Mark services are provided on behalf of UL LLC (UL) or any authorized licensee of UL. For questions, please contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>





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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.

## Standards

UL 60384-14, 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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