

# CERTIFICATE OF COMPLIANCE

**Certificate Number** 20170522-E228790  
**Report Reference** E228790-20120110  
**Issue Date** 2017-MAY-22

**Issued to:** Knowles Electronics (Suzhou) Co Ltd  
No 20 Chunxing Rd Caohu St  
Xiangcheng Economic Development District  
Suzhou, Jiangsu 215131 CHINA

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

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


Class X1, Y2 Capacitors. Model A series with Capacitance  
from 150pF ~ 10 nF with tolerance J, K or M.

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](http://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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contact a local UL Customer Service Representative at <http://ul.com/aboutul/locations/>



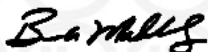
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This is to certify that representative samples of the product as specified on this certificate were tested according to the current UL requirements.

**Standard(s) for Safety:**

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, 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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