

CERTIFICATE OF COMPLIANCE

Certificate Number E228790
Report Reference E228790-2020-11-27
Date 2020-December-07

Issued to: Knowles Electronics (Suzhou) Co Ltd
No 20 Chunxing Rd Caohu St
Xiangcheng Economic Development District
SuzhouJiangsu 215131 CN

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

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

See Addendum Page for Product Designation(s).

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 for Standards

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/>



CERTIFICATE OF COMPLIANCE

Certificate Number E228790
Report Reference E228790-2020-11-27
Date 2020-December-07

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/Y2 Capacitors. Ceramic SMD type, models SYX, SY series with capacitance from 4.7pF to 1000pF; model SYS series with Capacitance from 5.6pF to 680pF with tolerance suffix code B, C, D, F, G, J, K, M.

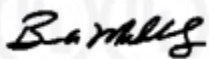
Note \$: the model code may be followed by B($\pm 0.1\text{pF}$), C($\pm 0.25\text{pF}$), D($\pm 0.5\text{pF}$), F($\pm 1\%$), G($\pm 2\%$), J($\pm 5\%$), K($\pm 10\%$), M($\pm 20\%$).

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

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/>

