

CERTIFICATE OF COMPLIANCE

Certificate Number 20141229-E145156
Report Reference E145156-20141222
Issue Date 2014-DECEMBER-29

Issued to: ISKRA, d d
STEGNE 21
1000 LJUBLJANA SLOVENIA

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

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

Class X1/Y2 Capacitors. Models KPB7077 series with
Capacitance 0.47uF for X1 + 2x0.015uF for Y2 with
tolerance suffix code M(\pm 20%).

Note: the model suffix may be followed by capacitance
tolerance code at: M(\pm 20%).

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.

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, Assistant Chief Engineer, Global Inspection and Field Services

UL LLC

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contact a local UL Customer Service Representative at www.ul.com/contactus



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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.

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 E60384-1:03- Fixed Capacitors for Use in Electronic Equipment - Part 1: Generic Specification

CSA E60384-14:09- 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, Assistant Chief Engineer, Global Inspection and Field Services

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DESCRIPTION

PRODUCT COVERED:

USR, CNR - Component - Class X1/Y2 Capacitors. Models KPB7077 series with Capacitance 0.47uF for X1 + 2x0.015uF for Y2 with tolerance suffix code M($\pm 20\%$). Refer to CONSTRUCTION DETAILS for Model designation and rated capacitance.

RATINGS:

Class	Voltage Rating (ac)	Lower Category Temperature ($^{\circ}\text{C}$)	Upper Category Temperature ($^{\circ}\text{C}$)	Capacitance Tolerance (%) $\text{\$}$	Climatic Category	Passive Flammability Category
X1/Y2	275	- 25	+ 85	$\pm 20\%$	21	A

Note $\text{\$}$: the model code may be followed by M($\pm 20\%$)

ABBREVIATIONS:

USR - Recognized, indicates investigation to UL 60384-14. Second Edition with revisions up to and including July 11, 2014.

CNR - Recognized, indicates investigation to CSA E60384-1:03, Second Edition, and CSA E60384-14:09, Second Edition, March 2009.

TECHNICAL CONSIDERATIONS (NOT FOR FIELD REPRESENTATIVE USE):

Conditions of Acceptability

These components have been investigated and are intended for use in Electronic Equipment for Electromagnetic Interference Suppression and Connection to the Supply Mains where the acceptability of the combination is determined by

UL LLC.

1. These components are intended to be installed within a suitable enclosure in the end use application.
2. Electrical spacings from uninsulated parts and the case shall comply with the requirements of the end-use product.
3. These components are intended for use in 50/60 Hz circuits up to a nominal 275 Vac.
4. These capacitors have been evaluated for 21 days damp heating in an ambient of $40 \pm 2\text{ }^{\circ}\text{C}$, $93 \pm 3\%$ RH with acceptable results. Additional evaluation should be made if the unit is intended to be used in a different ambient.