



Certificate of Compliance

Certificate: 70025489 (251001)

Master Contract: 251001

Project: 70025489

Date Issued: 2016-04-20

Issued to: Iskra, d.d.
Stegne 21
SI-1000 Ljubljana,
SLOVENIA

Attention: Mr. Aleksander Mihelic

The products listed below are eligible to bear the CSA Mark shown with adjacent indicators 'C' and 'US' for Canada and US or with adjacent indicator 'US' for US only or without either indicator for Canada only.



Issued by: *Silby John*
Silby John

PRODUCTS

CLASS 2221 51 - AUDIO AND VIDEO EQUIPMENT - Accessories and Parts for Electronic Products
CLASS 2221 81 - AUDIO AND VIDEO EQUIPMENT - Accessories and Parts for Electronic Equipment -
Certified to US Standards

Fixed capacitor for electromagnetic interference suppression and connection to the supply mains.

PART A: EMC RFI capacitors Type KPB73xx series, Class X1/Y2, rated 275V~, 50/60Hz, 25/100/21/B, $\pm 20\%$ (M), provided with a discharge resistor rated 470k Ω to 2.7M Ω . Capacitance rated as follows:

Capacitance rated as follows:

0.022 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.022 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.022 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.022 μ F (X1) +2 \times 0.022 μ F (Y2).

0.027 μ F (X1) +2 \times 0.0027 μ F (Y2).

0.047 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.047 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.047 μ F (X1) +2 \times 0.0050 μ F (Y2).



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0.068 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.068 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.068 μ F (X1) +2 \times 0.0050 μ F (Y2).

0.1 μ F (X1) +2 \times 0.0025 μ F (Y2),
0.1 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.1 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.1 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.1 μ F (X1) +2 \times 0.010 μ F (Y2),
0.1 μ F (X1) +2 \times 0.015 μ F (Y2),
0.1 μ F (X1) +2 \times 0.022 μ F (Y2),
0.1 μ F (X1) +2 \times 0.027 μ F (Y2).

0.15 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.15 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.15 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.15 μ F (X1) +2 \times 0.010 μ F (Y2),
0.15 μ F (X1) +2 \times 0.015 μ F (Y2),
0.15 μ F (X1) +2 \times 0.022 μ F (Y2),
0.15 μ F (X1) +2 \times 0.027 μ F (Y2).

0.22 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.22 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.22 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.22 μ F (X1) +2 \times 0.010 μ F (Y2),
0.22 μ F (X1) +2 \times 0.015 μ F (Y2),
0.22 μ F (X1) +2 \times 0.022 μ F (Y2),
0.22 μ F (X1) +2 \times 0.027 μ F (Y2),

0.24 μ F (X1) +2 \times 0.022 μ F (Y2),
0.24 μ F (X1) +2 \times 0.027 μ F (Y2).

0.25 μ F (X1) +2 \times 0.0025 μ F (Y2),
0.25 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.25 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.25 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.25 μ F (X1) +2 \times 0.010 μ F (Y2),
0.25 μ F (X1) +2 \times 0.015 μ F (Y2),
0.25 μ F (X1) +2 \times 0.022 μ F (Y2),
0.25 μ F (X1) +2 \times 0.027 μ F (Y2).



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0.27 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.27 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.27 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.27 μ F (X1) +2 \times 0.010 μ F (Y2),
0.27 μ F (X1) +2 \times 0.015 μ F (Y2),
0.27 μ F (X1) +2 \times 0.022 μ F (Y2),
0.27 μ F (X1) +2 \times 0.027 μ F (Y2).

0.33 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.33 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.33 μ F (X1) +2 \times 0.010 μ F (Y2),
0.33 μ F (X1) +2 \times 0.015 μ F (Y2),
0.33 μ F (X1) +2 \times 0.022 μ F (Y2),
0.33 μ F (X1) +2 \times 0.027 μ F (Y2).

0.47 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.47 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.47 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.47 μ F (X1) +2 \times 0.010 μ F (Y2),
0.47 μ F (X1) +2 \times 0.015 μ F (Y2),
0.47 μ F (X1) +2 \times 0.022 μ F (Y2),
0.47 μ F (X1) +2 \times 0.027 μ F (Y2).

EMC RFI capacitors Type KPB7325 series Class X1Y2, rated 275V~, 50/60Hz, 16A, 25/100/21/B, \pm 20% (M), provided with a discharge resistor rated 470k Ω to 2.7M Ω .

Capacitance rated as follows:

0.1 μ F (X1) +2 \times 0.0025 μ F (Y2),
0.1 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.1 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.1 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.1 μ F (X1) +2 \times 0.010 μ F (Y2),
0.1 μ F (X1) +2 \times 0.015 μ F (Y2),
0.1 μ F (X1) +2 \times 0.022 μ F (Y2),
0.1 μ F (X1) +2 \times 0.027 μ F (Y2).

0.15 μ F (X1) +2 \times 0.0025 μ F (Y2),
0.15 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.15 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.15 μ F (X1) +2 \times 0.010 μ F (Y2),
0.15 μ F (X1) +2 \times 0.015 μ F (Y2),
0.15 μ F (X1) +2 \times 0.022 μ F (Y2),
0.15 μ F (X1) +2 \times 0.027 μ F (Y2).



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0.22 μ F (X1) +2 \times 0.0025 μ F (Y2),
0.22 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.22 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.22 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.22 μ F (X1) +2 \times 0.010 μ F (Y2),
0.22 μ F (X1) +2 \times 0.015 μ F (Y2),
0.22 μ F (X1) +2 \times 0.022 μ F (Y2),
0.22 μ F (X1) +2 \times 0.027 μ F (Y2).

0.24 μ F (X1) +2 \times 0.015 μ F (Y2),
0.24 μ F (X1) +2 \times 0.027 μ F (Y2).

0.25 μ F (X1) +2 \times 0.0025 μ F (Y2),
0.25 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.25 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.25 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.25 μ F (X1) +2 \times 0.010 μ F (Y2),
0.25 μ F (X1) +2 \times 0.015 μ F (Y2),
0.25 μ F (X1) +2 \times 0.022 μ F (Y2),
0.25 μ F (X1) +2 \times 0.027 μ F (Y2).

0.27 μ F (X1) +2 \times 0.0025 μ F (Y2),
0.27 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.27 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.27 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.27 μ F (X1) +2 \times 0.010 μ F (Y2),
0.27 μ F (X1) +2 \times 0.015 μ F (Y2),
0.27 μ F (X1) +2 \times 0.022 μ F (Y2),
0.27 μ F (X1) +2 \times 0.027 μ F (Y2).

EMC RFI capacitors Type KPB7341 series Class X1Y2, rated 275V~, 50/60Hz, 16A, 25/100/21/B, \pm 20% (M), provided with a discharge resistor rated 470k Ω to 2.7M Ω . Capacitance rated as follows:

0.1 μ F (X1) +2 \times 0.0027 μ F (Y2),
0.1 μ F (X1) +2 \times 0.0047 μ F (Y2),
0.1 μ F (X1) +2 \times 0.0050 μ F (Y2),
0.1 μ F (X1) +2 \times 0.0075 μ F (Y2),
0.1 μ F (X1) +2 \times 0.010 μ F (Y2),
0.1 μ F (X1) +2 \times 0.015 μ F (Y2),
0.1 μ F (X1) +2 \times 0.022 μ F (Y2),
0.1 μ F (X1) +2 \times 0.027 μ F (Y2).



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Notes:

1. These devices are certified as components for use in other certified equipment where the suitability of the combination shall be determined by investigation in the final application.
2. The Suffix 'xx' in KPB73 series may be any digits (xx = 00 to 49 except 25 or 41) indicating the type of terminals and connectors.

APPLICABLE REQUIREMENTS

- | | |
|---|--|
| CAN/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 |
| Used in conjunction with
CAN/CSA-E60384-1:14 | - Fixed Capacitors for Use in Electronic Equipment—Part 1- Generic Specification |
| ANSI/UL 60384-14-2014 | - Fixed Capacitors for Use in Electronic Equipment--Part 14: Sectional Specification: Fixed Capacitors for Electromagnetic Interference Suppression and Connection to the Supply Mains |
| Used in conjunction with
IEC 60384-1:2008 | - Fixed Capacitors for Use in Electronic Equipment—Part 1- Generic Specification |



Supplement to Certificate of Compliance

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*The products listed, including the latest revision described below,
are eligible to be marked in accordance with the referenced Certificate.*

Product Certification History

Project	Date	Description
70025489	2016-04-20	EMC RFI capacitors Type KPB73xx, KPB7341 and KPB7325 series, Class X1/Y2 (CSA cUS original certification).