

CERTIFICATE OF COMPLIANCE

Certificate Number UL-US-L496569-2111-91217102-8
Report Reference E496569-20171219
Date 25-Sep-2023

Issued to: Flex Electronics (Shanghai) Co Ltd
33 Fuhua Road, Jiading District
Shanghai, Shanghai Shi 201818
China

This is to certify that representative samples of QQJQ2 - Power Supplies for Use with Audio/Video, Information and Communication Technology Equipment - Component
See Addendum Page for Product Designation(s).

Have been evaluated 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: UL 62368-1, 2nd Ed., Issue Date: 2014-12-01

Additional Information: See the UL Online Certifications Directory at <https://iq.ulprospector.com> for additional information

This Certificate of Compliance indicates that representative samples of the product described in the certification report have met the requirements for UL certification. It does not provide authorization to apply the UL Recognized Component Mark. Only the Authorization Page that references the Follow-Up Services Procedure for ongoing surveillance 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.


Deborah Jennings-Conner, VP Regulatory Services

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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

Model	Category Description
<p>PKJ4416HD*, * can be PI, HS, P, OP, LA, UA, UC, OS, SI, HV, OC, OA and by any combination of above characters representing minor differences that do not affect safety.</p> <p>The definition is as follows: All models have at least one of the following suffixes: PI - pins for through hole mounting PI may be followed by a combination of the following additional suffixes: P - positive remote control (negative remote control is standard) LA - lead length 3.69 mm (0.145 in.) (5.33 mm (0.210 in.) is standard) LB - lead length 4.57 mm (0.180 in.) (5.33 mm (0.210 in.) is standard) LC - lead length 2.79 mm (0.110 in.) (5.33 mm (0.210 in.) is standard) HS - base plate M – baseplate with thread G - baseplate with ground pin OP – optional part list UA - Input voltage minimum is 34.5V UC-no laser marking in baseplate OS -optional part list for sense SI - pins for surface mounting HV - baseplate with wings OC - custom optimized control loop OA - Optional output adjust</p>	DC-DC Converter
<p>PKJ4716A*, * can be PI, HS, P, OP, LA, UA, UC, OS, SI, HV, OC, OA and by any combination of above characters representing minor differences that do not affect safety.</p> <p>The definition is as follows: PI - pins for through hole mounting PI may be followed by a combination of the following additional suffixes: P - positive remote control (negative remote control is standard) LA - lead length 3.69 mm (0.145 in.) (5.33 mm (0.210 in.) is standard)</p>	DC-DC Converter


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PKJ4716H*, * can be PI, HS, P, OP, LA, UA, UC, OS, SI, HV, OC, OA and by any combination of above characters representing minor differences that do not affect safety. The definition is as follows: PI - pins for through hole mounting PI may be followed by a combination of the following additional suffixes: P - positive remote control (negative remote control is standard) LA - lead length 3.69 mm (0.145 in.) (5.33 mm (0.210 in.) is standard) LB - lead length 4.57 mm (0.180 in.) (5.33 mm (0.210 in.) is standard) LC - lead length 2.79 mm (0.110 in.) (5.33 mm (0.210 in.) is standard) HS - base plate M – baseplate with thread G - baseplate with ground pin OP – optional part list UA - Input voltage minimum is 34.5V UC-no laser marking in baseplate OS -optional part list for sense SI - pins for surface mounting HV - baseplate with wings OC - custom optimized control loop OA - Optional output adjust	DC-DC Converter
PKJ4716H*UA*, * can be PI, HS, P, OP, LA, UA, UC, OS, SI, HV, OC, OA and by any combination of above characters representing minor differences that do not affect safety. The definition is as follows:	DC-DC Converter


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<p>PKJ4716HD*, * can be PI, HS, P, OP, LA, UA, UC, OS, SI, HV, OC, OA and by any combination of above characters representing minor differences that do not affect safety. The definition is as follows: All models have at least one of the following suffixes: PI - pins for through hole mounting PI may be followed by a combination of the following additional suffixes: P - positive remote control (negative remote control is standard) LA - lead length 3.69 mm (0.145 in.) (5.33 mm (0.210 in.) is standard) LB - lead length 4.57 mm (0.180 in.) (5.33 mm (0.210 in.) is standard) LC - lead length 2.79 mm (0.110 in.) (5.33 mm (0.210 in.) is standard) HS - base plate M – baseplate with thread G - baseplate with ground pin OP – optional part list UA - Input voltage minimum is 34.5V UC-no laser marking in baseplate OS -optional part list for sense SI - pins for surface mounting</p>	<p>Power Supplies for AV, ITE, and AVICT Equipment</p>

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HV - baseplate with wings OC - custom optimized control loop OA - Optional output adjust	
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CERTIFICATE OF COMPLIANCE

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Report Reference E496569-20171219
Date 25-Sep-2023

Issued to: Flex Electronics (Shanghai) Co Ltd
33 Fuhua Road, Jiading District
Shanghai, Shanghai Shi 201818
China

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

QQJQ8 - Power Supplies for Use with Audio/Video,
Information and Communication Technology Equipment
Certified for Canada - Component

See Addendum Page for Product Designation(s).

Have been evaluated 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: CSA C22.2 No. 62368-1-14, 2nd Ed., Issue Date: 2014-12-01

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