

CERTIFICATE OF COMPLIANCE

Certificate Number 20150624-E321281
Report Reference E321281-20150624
Issue Date 2015-JUNE-24

Issued to: BETA LAYOUT GMBH
IM AARTAL 14, 65326 AARBERGEN GERMANY

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

COMPONENT - WIRING, PRINTED
Single layer printed wiring boards with Embedded Components
with Flammability Only Recognition - F

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 796, Standard for Tests for Safety for Printed-Wiring Boards,
CAN CSA 22.2 No. 0.17, Standard for Evaluation of Properties of
Polymeric Materials

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.

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



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 20111028- E321281r
Report Reference E321281- 20090904
Issue Date 2011-October-28

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Issued to: BETA LAYOUT GMBH
IM AARTAL 14
65326 AARBERGEN GERMANY



This is to certify that representative samples of WIRING, PRINTED
SS/DS,S

Have been investigated by Underwriters Laboratories in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Standard for Printed Wiring Boards, UL796
Standard for Evaluation of Properties of Polymeric Materials ,CAN/CSA-C22.2
No. 0.17

Additional Information: See UL On-line Certification Directory at WWW.UL.COM for additional information.

Only those products bearing the UL Recognized Component Marks for the U.S. and Canada should be considered as being covered by UL's Recognition and Follow-Up Service and meeting the appropriate U.S. and Canadian requirements.

The UL Recognized Component Mark for the U.S. 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. The UL Recognized Component Mark for Canada consists of the UL Recognized Mark for Canada:  and 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.

Look for the UL Recognized Component Mark on the product

William R. Carney
Director, North American Certification Programs

Underwriters Laboratories Inc.

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CERTIFICATE OF COMPLIANCE

Certificate Number 20150624-E321281
Report Reference E321281-20150623
Issue Date 2015-JUNE-24

Issued to: BETA LAYOUT GMBH
IM AARTAL 14, 65326 AARBERGEN GERMANY

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

COMPONENT - WIRING, PRINTED
Multilayer printed wiring board with Embedded Components for
Flame-Only applications – E

Have been investigated by UL in accordance with the
Standard(s) indicated on this Certificate.

Standard(s) for Safety: UL 796, Standard for Tests for Safety for Printed-Wiring Boards,
CAN CSA 22.2 No. 0.17, Standard for Evaluation of Properties of
Polymeric Materials

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.

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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.

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Bruce Mahrenholz, Director North American Certification Program
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Certificate of Compliance

Certificate Number 20111028- E321281A
Report Reference E321281- 20090905
Issue Date 2011-October-28

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Issued to: BETA LAYOUT GMBH
IM AARTAL 14
65326 AARBERGEN GERMANY



This is to certify that representative samples of WIRING, PRINTED
ML4/6, M

Have been investigated by Underwriters Laboratories in accordance with the Standard(s) indicated on this Certificate.

Standard(s) for Safety: Standard for Printed Wiring Boards, UL796
Standard for Evaluation of Properties of Polymeric Materials ,CAN/CSA-C22.2
No. 0.17

Additional Information: See UL On-line Certification Directory at WWW.UL.COM for additional information.

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Look for the UL Recognized Component Mark on the product

William R. Carney
Director, North American Certification Programs

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