

**PS2533, PS2561, PS2561A, PS2561B,
PS2561D, PS2562, PS2565, PS2571,
PS2581L1/L2, PS2581AL1/AL2**

● DEMKO Certificate

Standard EN 60065, EN 60950

File No. 314999

This certification is approved as Renesas Electronics Corporation, but NEC logo is kept on the PKG marking and the label indication on the smallest packing for the time being.

Please contact sales agent or Renesas Electronics sales, regarding the date of change to Renesas Electronics indication.

本認定書はルネサスエレクトロニクス社にて取得していますが、当面 製品捺印及び最小梱包のラベル表示は旧NECロゴにて出荷致します。
尚、実施時期については別途お問合せ下さい。



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Group Manager
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Compound Semiconductor Devices Business Division
Analog & Power Devices Business Unit
Renesas Electronics Corporation

DEMKO CERTIFICATE

Certificate No. 314999-06-M1
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Certificate Holder Renesas Electronics Corporation
Compound Semiconductor Devices
1753, Shimonumabe, Nakahara-ku
Kawasaki-shi, Kanagawa 211-8668, Japan
Manufacturer Renesas Electronics Corporation
Compound Semiconductor Devices
1753, Shimonumabe, Nakahara-ku
Kawasaki-shi, Kanagawa 211-8668, Japan
Production site See appendix

Certified Product Optoinsulator for bridging of reinforced insulation
Model PS25****-*, See appendix
Trademark -
Rated Voltage / Frequency See appendix
Rated Current / Power See appendix
Insulation Class
Degree of protection (IP)
Tested acc. to EN 60065:2002 + A1:2006 + A11:2008 and
EN 60950-1:2006 + A1:2010 + A11:2009
Test Report No. -
Additional See appendix
Expire date 2014-06-16

Certification Manager
Jan-Erik Storgaard

Certification Body

The product and production sites listed on the certificate comply with the D-mark requirements and the UL Global Service Agreement, with reference to Terms and Conditions for the D mark. The Owner of the certificate is entitled to use the Ⓓ or for cables «DEMKO», for the products listed on the certificate and manufactured at the production sites listed. UL has to be informed in writing about any changes to the product or production site in accordance with the Term and Conditions of the D mark. The validity of the certificate is shortened if the EU legislation require re-testing and re-certification due to new standards or amendments coming into force before the expiry date.

UL International Demko A/S, Lyskaer 8, P.O. Box 514, DK-2730
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the standard in safety

Underwriters
Laboratories

Appendix DEMKO CERTIFICATE

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Model and Technical informaton :

PS2532-1, PS2532L-1,
PS2533-1, PS2533L-1,
PS2561-1, PS2561L-1, PS2561L1-1, PS2561L2-1,
PS2561A-1, PS2561AL-1, PS2561AL1-1, PS2561AL2-1,
PS2561B-1, PS2561BL-1, PS2561BL1-1, PS2561BL2-1,
PS2561D-1, PS2561DL-1, PS2561DL1-1, PS2561DL2-1,
PS2562-1, PS2562L-1, PS2562L1-1, PS2562L2-1,
PS2565-1, PS2565L-1, PS2565L1-1, PS2565L2-1,
PS2566-1 PS2566L-1, PS2566L1-1, PS2566L2-1,
PS2571-1, PS2571-4, PS2571L-1, PS2571L-4,
PS2581L1, PS2581L2,
PS2581AL1, PS2581AL2

Alternative design :

PS25....-.. :L: For SMD-mounting, L1: With wider distance between leads, L2: For SMD-mounting with wider distance between leads
PS25....-.. : 1: one channel, 4: four channel

Note: The one channel samples of PS25.. are marked 25...
For a RMS working voltage up to 250V, pollution degree 2 and material group IIa or IIIb.
Type PS2561B*-1 and PS2561D*-1: Max operating temperature 110°C All other types: Max operating temperature 100°C

General

- Creepage distance between input and output: >7mm : type PS2561DL1-1, PS2561DL2-1 PS2581L2, PS2581AL1, PS2581AL2 >8mm, all other types >7mm
- Distance through insulation : >0.4 mm
- Internal creepage distance not measured, tests according to EN 60950 2.10.11 have been performed with positive result.
- Humidity test: 48h. in 93% relative humidity. Electric strength test 3000 V/1 min.

Certification Body

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Special tests according to EN 60950

- Thermal cycling test. 10 cycles. Each cycle : 68 h in 100°C (for type PS2561B..-1 and PS2561D..- 110C°) 1h in 25°C, 2 h in 0°C and 1 h i n 25°C. After the cycling test a humidity test for 48 h in 93% relative humidity
- Electric strength test between input and output 5000 V/1 minute

Production Site:

Kyushu Denshi Co. Ltd.
89, Nagasaki Shiranui-Mach
Uki-shi Kumamoto,
869-0562,
Japan

Microwave & Optical Semiconductors Taiwan Co., Ltd.
587, Gao Shu Road,
Gao Shan Li, Yangmei
Taoyuan, Taiwan

This certificate replaces the certificate No. 314999-06, dated 2010-11-12.

UL International Demko A/S has issued a new certificate due to typo error in additional informattion, changed from « typees» to « types»

The certificate has been issued on the basis of Nordic certification Service, certificate No. 1017620, issued by Intertek Semko AB, dated 2010-06-23

Certification Body

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