

PS9905, PS9924

● CSA Certificate

Certificate No 2474523(CA 101391)



H.TAKAHASHI

Group Manager
Optical Device Engineering
Technical Marketing Department
Compound Semiconductor Devices Business Division
Analog & Power Devices Business Unit
Renesas Electronics Corporation



Certificate of Compliance

Certificate: 2474523 (CA101391)

Master Contract: 191330

Project: 2474523

Date Issued: January 20, 2012

Issued to: **Renesas Electronics Corporation**
1753 Shimonumabe, Nakahara-ku
Kawasaki-shi, Kanagawa, 211-8668
Japan
Attention: Kiyoshi Fukushima

The products listed below are eligible to bear the CSA Mark shown with adjacent indicator



Martin Buchanan

Issued by: Martin Buchanan, P. Eng.

PRODUCTS

CLASS 9073 30 - ELECTRONIC COMPONENTS - Optoisolators

Device	Ratings (kV) (C)	Stds/Notices	Internal Creep(mm)	DistThru(mm)	External Creep/Clear(mm)
PS9905	7.5 110	CSA CA5A, 60950-1-07 60065:03 AM1 IEC 60950-1, 2nd Ed. IEC 60065 7th Ed. AM1	6.8	> 0.4	> 14.5
PS9924					

with possible suffixes, -1 to -4, E3, E4, F3, F4 followed by V. Prefix PS may or may not be used.

Notes:

1. Reinforced insulation requirements of CSA 60950-1-07 and IEC60950-1 2nd Ed. have been met for 725Vrms.



Certificate: 2474523 (CA101391)

Master Contract: 191330

Project: 2474523

Date Issued: January 20, 2012

2. Reinforced insulation requirements of CSA 60065:03 Incl. AM1 and IEC 60065 7th Ed. Incl. AM1 have been met for 711Vrms.

3. Evaluated by thermal cycling and other tests. For 60950-1 and 60065, internal creepage doesn't need to be considered because of the successful thermal cycling test. Therefore, only the external creepage limits these devices.

These devices are Component Accepted as components for use in other equipment where the suitability of the combination may be determined by investigation in the final application.

APPLICABLE REQUIREMENTS

Component Acceptance Notice 5A (CA 5A)	-	Announcement of Extension of the Component Acceptance Service for Optocouplers and Related Devices
CAN/CSA-C22.2 No. 60950-1-07	-	Information Technology Equipment - Safety - Part 1: General Requirements (Bi-national Standard, with UL 60950-1)
CAN/CSA C22.2 No. 60065:03 Incl. AM1 Safety Requirements	-	Audio, Video and Similar Electronic Apparatus -
IEC 60950-1 2nd Ed.	-	Information Technology Equipment - Safety - Part 1: General Requirements
IEC 60065 7th Ed. Incl. AM1 Requirements	-	Audio, Video and Similar Electronic Apparatus - Safety