



Certificate of Compliance

Certificate: 2454143 (220991)

Master Contract: 220991

Project: 70060395

Date Issued: 2016-04-21

Issued to: Texas Instruments, Inc.
 12500 TI Blvd
 MS 8701
 Dallas, Texas 75243
 USA
Attention: Saleem Marwat

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



Issued by: *Martin Buchanan*
 Martin Buchanan, P. Eng.

PRODUCTS

CLASS - C907330 - ELECTRONIC COMPONENTS-Optoisolators

Component Acceptance of SOIC Surface-Mount Optoisolator-Like Capacitive Coupling Devices:

Device	Ratings		Applicable Standards/Notices	Internal		External
	kV	°C		Creepage (mm)	Dist Thru (mm)	Creep/Clear (mm)
ISO7420E ISO7420FE ISO7421E ISO7421FE ISO7421FCC ISO7420M ISO7421M ISO7420-Q1 ISO7421-Q1 ISO7421A-Q1	2.5	125	CSA CA5A, 14-13, 60950-1-07+A1+A2 61010-1-04 IEC 60950-1 2nd Ed.+A1+A2 IEC61010-1 2nd Ed.	-	-	4.0
ISO7420 ISO7421	2.5	105				

Suffixes D and R may be used for different shipping package types followed by optional suffix Q1 and optional suffix Q may precede D.



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Notes:

1. Devices meet CSA 14-13 for 500V rated products when pcb mounted.
2. Reinforced insulation requirements have been met for 150Vrms for, CSA 61010-1-04 and IEC 61010-1 2nd Ed.
3. Basic insulation requirements have been met for 280Vrms for CSA 60950-1-07+A1+A2, IEC 60950-1 2nd Ed.+A1+A2, and for 300Vrms for CSA 61010-1-04 and IEC 61010-1 2nd Ed.
4. Evaluated by thermal cycling and other tests for a temperature rating of 125C.
5. The creepage and clearance has been evaluated for altitudes $\leq 2000\text{m}$, in pollution degree 2 and overvoltage category II.

These devices are Component Accepted as components for use in other Certified equipment where the suitability of the combination shall 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 14-13 - Industrial Control Equipment

CAN/CSA-C22.2 No 60950-1-07+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements (Bi-national Standard, with UL 60950-1)

CAN/CSA-C22.2 No. 61010-1-04 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements

IEC 60950-1 2nd Ed.+A1+A2 - Information Technology Equipment - Safety - Part 1: General Requirements

IEC 61010-1 2nd Ed. 2001 02 - Safety Requirements for Electrical Equipment for Measurement, Control and Laboratory Use - Part 1: General Requirements

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