

Vishay Semiconductors

Optocoupler





www.vishay.com

Vishay Semiconductors

11565

Appendix to Certificate: 28154

Manufacturing site(s)

Vishay Semiconductor Malaysia SDN.BHD Lot PT1707 - PT1716

Krubong Industrial Park 75250 MELAKA MALAYSIA

Additional information

Molding compounds:

Internal: NT8600T by Nitto Denko. External: HC10-2F by Hitachi Chemical

Maximum required withstand voltage is 2.5 kV which represents OVC II max. 250 Vrms (reinforced insulation). Maximum required withstand voltage is 4.0 kV which represents OVC III max. 300 Vrms (basic / supplementary insulation). Internal clearance and creepage distance between input and output is 5.0 mm. Min.

External clearance and creepage distance between input and output is 6.8 mm. Min.

The optocouplers were subjected to an electric strength test between input and output of 2830 Vac/1 min (basic / supplementary: OVC III max. 300 V) and 3000 Vac. / 1 min (reinforced: OVC II max. 250 V).

Distance through insulation between input and output is more than 0.4 mm, measured a minimum of 0.60 mm.

After judgement from case to case, the optocouplers may bridge functional, basic, supplementary and/or reinforced insulation, or may be used in other environments, provided that the ratings are not exceeded in normal operation.

Is based on test

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