

TOSHIBA PHOTOCOUPLER GaAs IRED & PHOTO-TRIAC

TLP3009(S),TLP3010(S),TLP3011(S),TLP3012(S)

OFFICE MACHINE

HOUSEHOLD USE EQUIPMENT

TRIAC DRIVER

SOLID STATE RELAY

The TOSHIBA TLP3009 (S), TLP3010 (S), TLP3011 (S) and TLP3012 (S) consist of a photo-triac optically coupled to a gallium arsenide infrared emitting diode in a six lead plastic DIP.

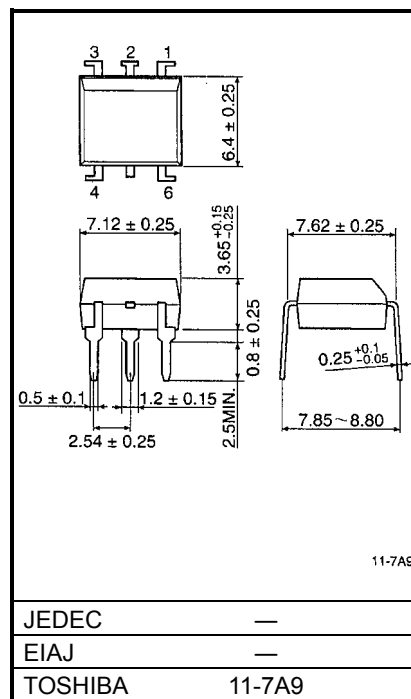
All parameters are tested to the specification of TLP3009, TLP3010, TLP3011 and TLP3012.

- Peak Off-State Voltage : 250 V (min)
- Trigger LED Current : 30 mA (max) (TLP3009)
15 mA (max) (TLP3010)
10 mA (max) (TLP3011)
5 mA (max) (TLP3012)
- On-State Current : 100 mA (max)
- UL Recognized : UL1577, File No. E67349
- Isolation Voltage : 5000 Vrms (min)
- SEMKO Approved : SS EN60065
SS EN60950
SS EN60335
- Option (D4) Type
VDE Approved : DIN VDE0884 / 06.92
Certificate No. 68329

Maximum Operating Insulation Voltage : 890 Vpk
Highest Permissible Over Voltage : 8000 Vpk

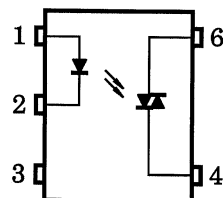
Note: When a VDE0884 approved type is needed, please designate the "Option (D4)"

Unit: mm



Weight: 0.39 g

PIN CONFIGURATION (Top view)



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1: ANODE
2: CATHODE
3: N.C.
4: TERMINAL 1
6: TERMINAL 2

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|                      | 7.62 mm pich<br>standard type | 10.16 mm pich<br>(LF2) type |
|----------------------|-------------------------------|-----------------------------|
| Creepage Distance    | 7.0 mm (min)                  | 8.0 mm (min)                |
| Clearance            | 7.0 mm (min)                  | 8.0 mm (min)                |
| Insulation Thickness | 0.5 mm (min)                  | 0.5 mm (min)                |

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