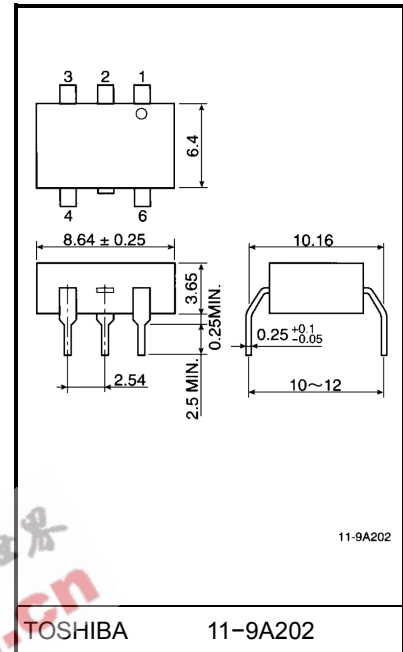


TOSHIBA Photocoupler GaAs Ired & Photo-Triac

TLP666GF

Office Machine
Household Use Equipment
Triac Driver
Solid State Relay

Unit in mm



Weight: 0.44 g

The TOSHIBA TLP666GF consists of a zero voltage crossing turn-on 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 TLP666G.
(both condition and limits)

- Peak off-state voltage: 400 V (min.)
- Trigger LED current: 10 mA (max.)
- On-state current: 100 mA (max.)
- UL recognized: UL1577, file no. E67349
- Isolation voltage: 5000 V_{rms} (min.)
- Option (D4) type

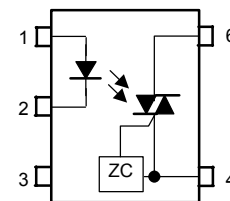
VDE approved: DIN VDE0884 / 08.87,
Certificate no. 68383

Maximum operating insulation voltage: 630V_{PK}
Highest permissible over voltage: 6000V_{PK}

(Note 1) When a VDE0884 approved type is needed, please designate the "Option (D4)"

- Structural parameter
 - Creepage distance: 8.0mm (min.)
 - Clearance: 8.0mm (min.)
 - Insulation thickness: 0.5mm (min.)
- Conforming safety standards:
 - DIN 57 804 / VDE0804 / 1.83
 - DIN IEC65 / VDE0860 / 8.81
 - DIN IEC380 / VDE0806 / 8.81
 - DIN IEC435 / VDE0805 / Draft Nov. 84
 - DIN IEC601T1 / VDE0750T1 / 5.82
 - BS7002: 1989 (EN60950)

Pin Configurations (top view)



- 1: Anode
- 2: Cathode
- 3: NC
- 4: Terminal 1
- 6: Terminal 2

RESTRICTIONS ON PRODUCT USE

000707EAA

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In developing your designs, please ensure that TOSHIBA products are used within specified operating ranges as set forth in the most recent TOSHIBA products specifications. Also, please keep in mind the precautions and conditions set forth in the "Handling Guide for Semiconductor Devices," or "TOSHIBA Semiconductor Reliability Handbook" etc..
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