

TOSHIBA Photocoupler GaAs Ired & Photo-Triac

## TLP666GF

Office Machine  
Household Use Equipment  
Triac Driver  
Solid State Relay

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.

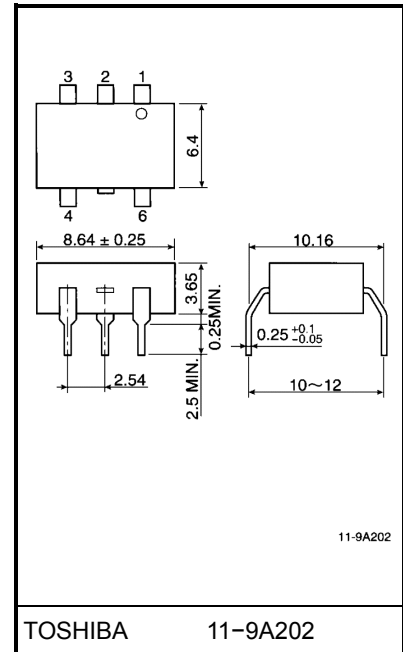
All parameters are tested to the specification of TLP666G.  
(both condition and limits)

- 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<sub>PK</sub>
  - Highest permissible over voltage: 6000V<sub>PK</sub>

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

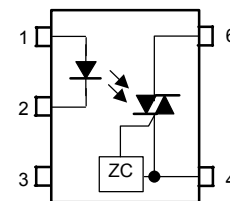
- Structural parameter
  - Creepage distance: 8.0mm (min.)
  - Clearance: 8.0mm (min.)
  - Insulation thickness: 0.5mm (min.)
- Conforming safety standards:
  - DIN 57 804 / VDE0804 / 1.83
  - DIN IEC65 / VDE0860 / 8.81
  - DIN IEC380 / VDE0806 / 8.81
  - DIN IEC435 / VDE0805 / Draft Nov. 84
  - DIN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

Unit in mm



Weight: 0.44 g

### Pin Configurations (top view)



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

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