

TOSHIBA Photocoupler GaAs Ired & Photo-Triac

# TLP666JF

- Office Machine
- Household Use Equipment
- Triac Driver
- Solid State Relay

The TOSHIBA TLP666JF 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 TLP666J. (both condition and limits)

- Peak off-state voltage: 600 V (min.)
- Trigger LED current: 10 mA (max.)
- On-state current: 100 mA (max.)
- UL recognized: UL1577, file No. E67349
- Isolation voltage: 5000 V<sub>rms</sub> (min.)
- Option (D4) type

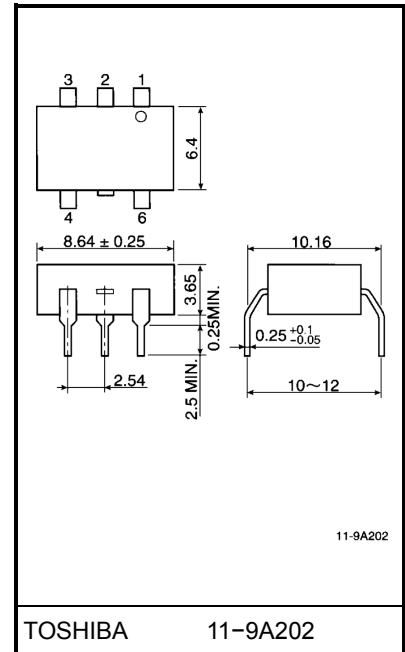
VDE approved: DIN VDE0884 / 08.87,  
Certificate No. 68383

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)"**

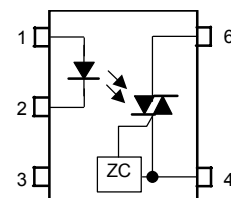
- Structural parameter
  - Creepage distance: 8.0mm (min.)
  - Clearance: 8.0mm (min.)
  - Insulation thickness: 0.5mm (min.)
- Conforming safety standards:
  - DIN 57 804 / VDE0804 / 1.83
  - DIN IEC65 / VDE0860 / 8.81
  - DIN IEC380 / VDE0806 / 8.81
  - DIN IEC435 / VDE0805 / draft nov. 84
  - DIN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

Unit in mm



Weight: 0.44g

## Pin Configurations (top view)



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

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