

TOSHIBA PHOTOCOUPLER GaAs IRED &amp; PHOTO-TRIAC

**TLP665GF**

OFFICE MACHINE  
HOUSEHOLD USE EQUIPMENT  
TRIAC DRIVER  
SOLID STATE RELAY

The TOSHIBA TLP665GF consists 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 TLP665G.  
(both condition and limits)

- Peak Off-State Voltage : 400V (Min.)
- Trigger LED Current : 10mA (Max.)
- On-State Current : 100mA (Max.)
- UL Recognized : UL1577, File No. E67349
- Isolation Voltage : 5000V<sub>rms</sub> (Min.)
- Option (D4) type  
VDE Approved : DIN VDE0884/08.87,  
Certificate No. 68383

Maximum Operating Insulation Voltage : 630V<sub>PK</sub>

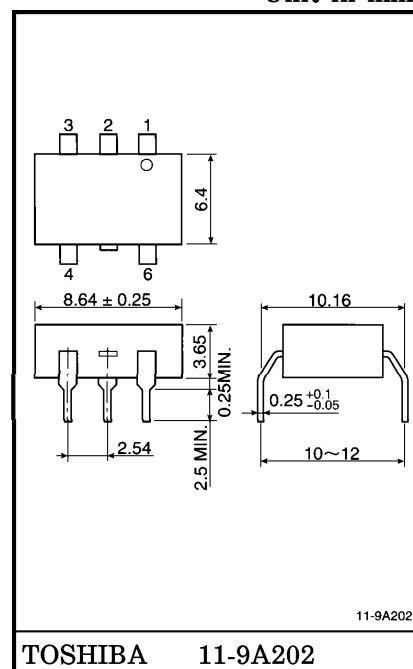
Highest Permissible Over Voltage : 6000V<sub>PK</sub>

(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)

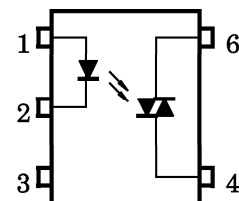
Unit in mm



TOSHIBA 11-9A202

Weight : 0.44g

## PIN CONFIGURATIONS (TOP VIEW)



- 1 : ANODE
- 2 : CATHODE
- 3 : NC
- 4 : TERMINAL 1
- 6 : TERMINAL 2

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