

TOSHIBA PHOTOCOUPLER GaAs IRED & 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_{rms} (Min.)
- Option (D4) type
 VDE Approved : DIN VDE0884 / 08.87,
 Certificate No. 68383

Maximum Operating Insulation Voltage : 630V_{PK}

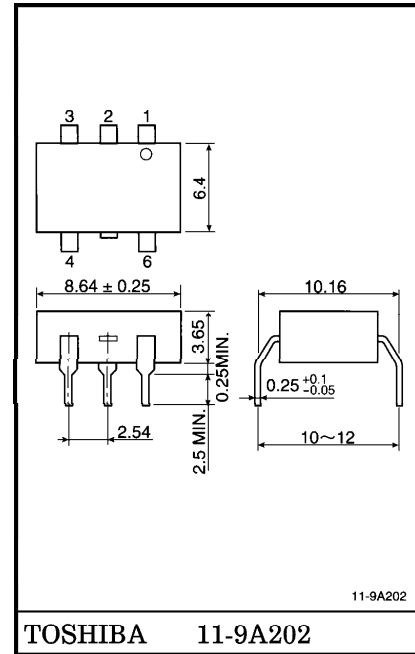
Highest Permissible Over Voltage : 6000V_{PK}

(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)

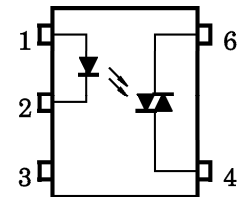
Unit in mm



TOSHIBA 11-9A202

Weight : 0.44g

PIN CONFIGURATIONS (TOP VIEW)



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

961001EAA2

● TOSHIBA is continually working to improve the quality and the reliability of its products. Nevertheless, semiconductor devices in general can malfunction or fail due to their inherent electrical sensitivity and vulnerability to physical stress. It is the responsibility of the buyer, when utilizing TOSHIBA products, to observe standards of safety, and to avoid situations in which a malfunction or failure of a TOSHIBA product could cause loss of human life, bodily injury or damage to property. In developing your designs, please ensure that TOSHIBA products are used within specified operating ranges as set forth in the most recent products specifications. Also, please keep in mind the precautions and conditions set forth in the TOSHIBA Semiconductor Reliability Handbook.

● The information contained herein is presented only as a guide for the applications of our products. No responsibility is assumed by TOSHIBA CORPORATION for any infringements of intellectual property or other rights of the third parties which may result from its use. No license is granted by implication or otherwise under any intellectual property or other rights of TOSHIBA CORPORATION or others.

● The information contained herein is subject to change without notice.