TOSHIBA PHOTOCOUPLER GaAs IRED & PHOTO-TRIAC

# TLP3031(S), TLP3032(S), TLP3033(S)

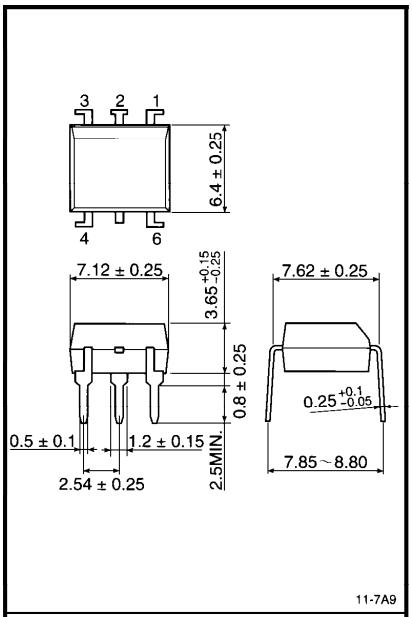
OFFICE MACHINE

HOUSEHOLD USE EQUIPMENT

TRIAC DRIVER

SOLID STATE RELAY

Unit in mm




| | |
|---|---|
| JEDEC | — |
| EIAJ | — |
| TOSHIBA | 11-7A9 |

Weight : 0.39 g

The TOSHIBA TLP3031 (S), TLP3032 (S), TLP3033 (S) consist 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 TLP3031, TLP3032, TLP3033.

- Peak Off-State Voltage : 250 V (Min.)
- Trigger LED Current : 15 mA (Max.) (TLP3031)
  10 mA (Max.) (TLP3032)
  5 mA (Max.) (TLP3033)
- On-State Current : 100 mA (Max.)
- UL Recognized : UL1577, File No. E67349
- Isolation Voltage : 5000 $V_{rms}$ (Min.)
- SEMKO Approved : SS EN60065
  SS EN60950
  SS EN60335
- Option (D4) Type

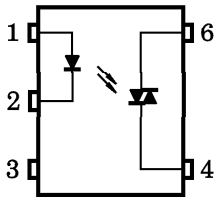
  VDE Approved : DIN VDE0884 / 06.92
  Certificate No. 68329

  Maximum Operating Insulation Voltage : 890 $V_{PK}$

  Highest Permissible Over Voltage : 8000 $V_{PK}$

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

PIN CONFIGURATION (Top view)




1 : ANODE
2 : CATHODE
3 : N.C.
4 : TERMINAL 1
6 : TERMINAL 2

980910EBC1

| | 7.62 mm pich standard type | 10.16 mm pich (LF2) type |
|---|---|---|
| Creepage Distance | 7.0 mm (Min.) | 8.0 mm (Min.) |
| Clearance | 7.0 mm (Min.) | 8.0 mm (Min.) |
| Insulation Thickness | 0.5 mm (Min.) | 0.5 mm (Min.) |