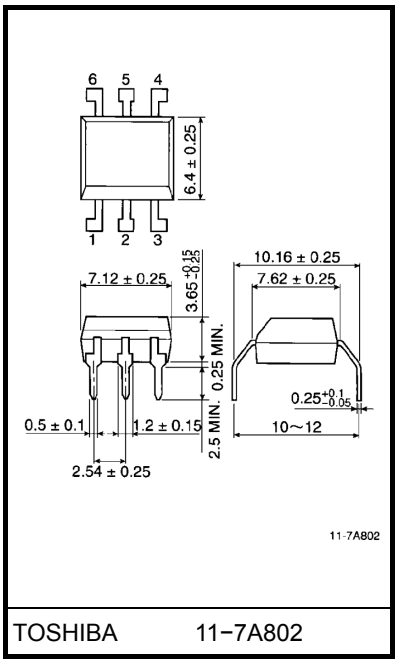
TOSHIBA Photocoupler GaAs Ired & Photo−Thyristor

TLP747GF

Unit in mm



TOSHIBA 11−7A802

Weight: 0.42 g

Office Machine

Switching Power Supply

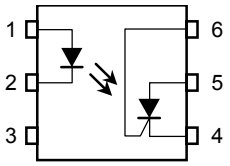
The TOSHIBA TLP747GF consists of a photo−thyristor optically coupled to a gallium arsenide infrared emitting diode in a six lead plastic DIP.
All parameters are tested to the specification of TLP747G.
(both condition and limits)

- Peak off−state voltage: 400V min.
- Trigger LED current: 15mA max.
- On−state current: 150mA max.
- UL recognized: UL1577, file no. E67349
- BSI approved: BS EN60065: 2002
  Certificate no. 7364
  BS EN60950-1: 2002
  Certificate no. 7365
- SEMCO approved:EN60065,EN60950-1,EN60335-1
  Certificate no.302586
- Isolation voltage: 4000Vrms min.
- Option (D4) type
  VDE approved: DIN EN 60747-5-2,
  Certificate no.40009373
  Maximum operating insulation voltage: 890, 1130V_{PK}
  Highest permissible over voltage: 6000, 8000V_{PK}

(Note) When an EN 60747-5-2 approved type is needed, please designate the " Option (D4) "

- Creepage distance: 8.0mm (min.)
  Clearance: 8.0mm (min.)
  Internal creepage path: 4.0mm (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)

Pin Configuration (top view)



1 : ANODE
2 : CATHODE
3 : NC
4 : CATHODE
5 : ANODE
6 : GATE

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