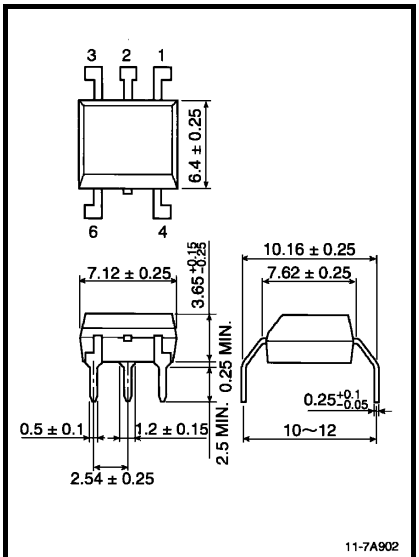
TOSHIBA PHOTOCOUPLER GaAs IRED & PHOTO-TRIAC

TLP3061F(S),TLP3062F(S),TLP3063F(S)

Unit: mm

OFFICE MACHINE
HOUSEHOLD USE EQUIPMENT
TRIAC DRIVER
SOLID STATE RELAY



JEDEC	—
EIAJ	—
TOSHIBA	11-7A902

weight: 0.39g

The TOSHIBA TLP3061F(S), TLP3062F(S), TLP3063F(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 package.
All parameters are tested to the specifications of TLP3061(S) TLP3062(S) and TLP3063(S).
(both condition and limits)

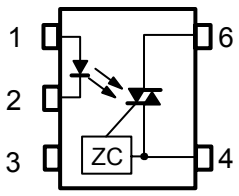
- Peak Off-State Voltage : 600 V (min)
- Trigger LED Current : 15 mA (max) (TLP3061F(S))
  10 mA (max) (TLP3062F(S))
  5 mA (max) (TLP3063F(S))
- On-State Current : 100 mA (max)
- Isolation Voltage : 5000 Vrms (min)
- UL Recognized : UL1577, File No. E67349
- SEMKO Approved : SS EN60065
  SS EN60950, File No.9841113
- BSI Approved : BS EN60065, File No.8385
  BS EN60950, File No.8386
- Option (D4) type
  VDE approved: DIN EN60747-5-2
  Approved No. 40009302
  Maximum operating insulation voltage: 1140V_{PK}
  Highest permissible over voltage: 8000V_{PK}

  (Note): When an EN60747-5-2 approved type is needed, please designate the "Option (D4)"

- Construction mechanical rating

	10.16 mm pitch TLPxxxxF type
Creepage Distance	8.0 mm (Min)
Clearance	8.0 mm (Min)
Insulation Thickness	0.5 mm (Min)

Pin Configuration (top view)



1: Anode
2: Cathode
3: N.C.
4:Terminal 1
6:Terminal 2

ZC:Zero-cross Circuit

RESTRICTIONS ON PRODUCT USE

20070701-EN

- The information contained herein is subject to change without notice.
- TOSHIBA is continually working to improve the quality and 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 comply with the standards of safety in making a safe design for the entire system, and to avoid situations in which a malfunction or failure of such TOSHIBA products 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 TOSHIBA products specifications. Also, please keep in mind the precautions and conditions set forth in the “Handling Guide for Semiconductor Devices,” or “TOSHIBA Semiconductor Reliability Handbook” etc.
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