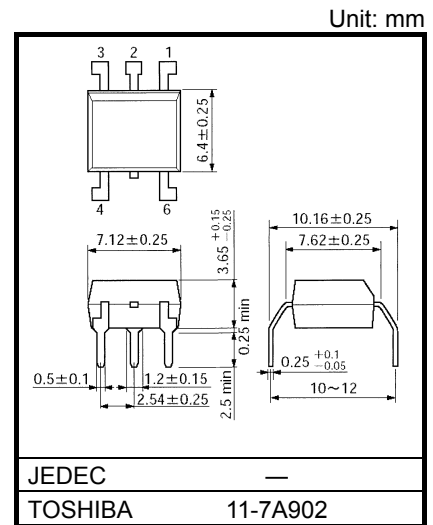


TOSHIBA PHOTOCOUPLER GaAs IRED & PHOTO-TRIAC

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

Office Machines
Home Appliances
Triac Drivers
Solid State Relays

The TOSHIBA TLP3061F(S), TLP3062F(S) and TLP3063F(S) of a gallium arsenide infrared emitting diode optically coupled to a triac-output photocoupler featuring a zero-cross voltage and is housed in a six-lead plastic DIP package. All parameters are tested to the specification of the TLP3061(S) TLP3062(S) and TLP3063(S), including test conditions and ratings.



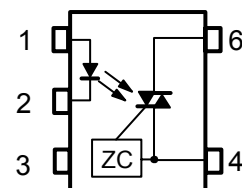
Weight: 0.39 g (typ.)

- 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: EN60065
EN60950-1
EN60335-1, File No.712796
- BSI Approved: BS EN60065:2002, File No.8385
BS EN60950-1:2006, File No.8386
- Option (D4) type
VDE approved: DIN EN60747-5-2
Approved No. 40009302
Maximum operating insulation voltage: 1140 VPK
Maximum permissible overvoltage: 8000 VPK

Note: When ordering an EN60747-5-2 approved device, "Option (D4)" should be designated.

	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 GENERAL

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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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