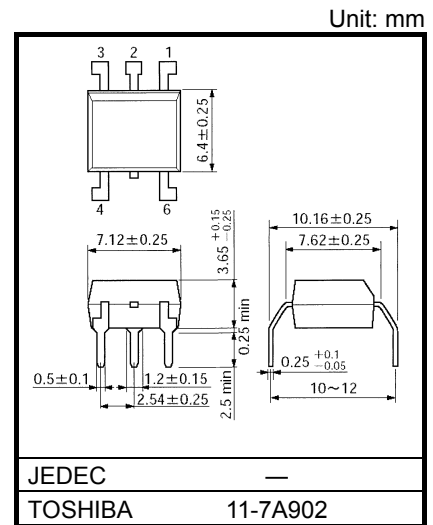


# TLP3061F(S), TLP3062F(S), TLP3063F(S)

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.



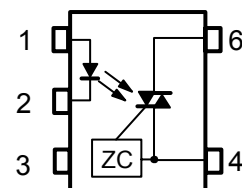
Weight: 0.39 g (typ.)

- 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<br>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

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