TOSHIBA PHOTOCOUPLER GaAs IRED & PHOTO-TRIAC

TLP3051F(S),TLP3052F(S)

Office Machines Home Appliances **Triac Drivers** Solid State Relays

The TOSHIBA TLP3051F(S) and TLP3052F(S) consist of a gallium arsenide infrared emitting diode optically coupled to a triac-output photocoupler in a six-lead plastic DIP package.

All parameters are tested to the specification of the TLP3051(S) and TLP3052(S), including test conditions and ratings.

- Peak Off-state voltage: 600 V (min)
- Trigger LED current: 15 mA (max) (TLP3051F(S))

10 mA (max) (TLP3052F(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.708591

- BSI approved: BS EN60065:2002, File No.8385 BS EN60950-1:2006, File No.8386
- Option (D4) type

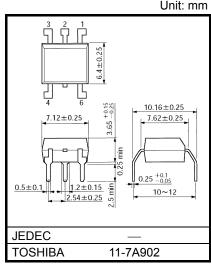
VDE approved: DIN EN60747-5-2

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.

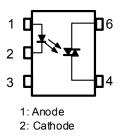
Construction mechanical rating

	10.16 mm pitch TLPxxxxF Type
Creepage Distance	8.0 mm (min)
Clearance	8.0 mm (min)
Insulation Thickness	0.5 mm (min)



Weight: 0.39 g (typ.)





3: N.C. 4:Terminal 1 6:Terminal 2 Unit: mm

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