TOSHIBA PHOTOCOUPLER GaAs IRED & PHOTO-TRIAC

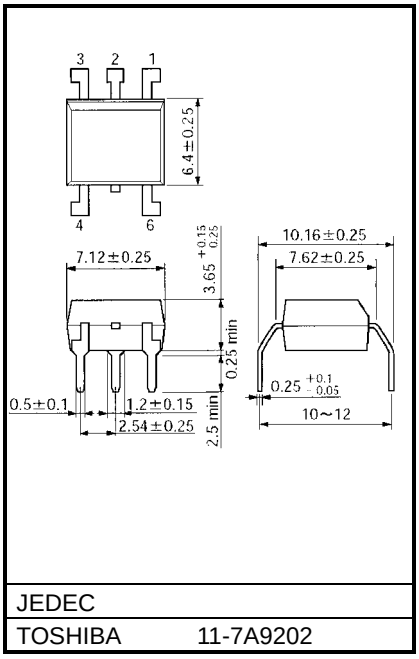
TLP3051F(S),TLP3052F(S)

OFFICE MACHINE

HOUSEHOLD USE EQUIPMENT

TRIAC DRIVERSOLID STATE RELAY

Unit: mm



JEDEC	
TOSHIBA	11-7A9202

Weight: 0.39 g

The TOSHIBA TLP3051F(S) and TLP3052F(S) consists of a photo-triac optically coupled to a gallium arsenide infrared emitting diode in a six lead plastic DIP packge.

All parameters are tested to the specification of TLP3051(S),TLP3052(S). (both condition and limits)

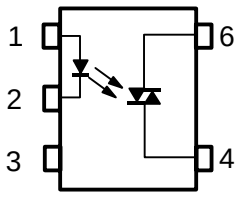
- Peak Off-State Voltage : 600V(Min)
- Trigger LED Current : 15mA(Max)TLP3051
  10mA(Max)TLP3052
- On-State Current : 100mA(Max)
- Isolation Voltage : 5000Vrms(Min)
- UL Recognized :UL1577,File No.E67349
- SEMKO Approved :SS EN60065, File No.9841102
  SS EN60950, File No.9841102
- BSI Approved :BS EN60065, File No.8385
  BS EN60950, File No.8386
- Option(D4)type
  VDE Approved :DIN VDE0884
  Certificate No.68383

- Maximum Operating Insulation Voltage : 1140V_{PK}
- Highest Permissible Over Voltage :8000 V_{PK}

(Note)When a VDE0884 approved type is needed, please designate the "Option(D4)"

- Construction Mechanical Rating(10.16mm pich)
  Creepage Distance : 8.0mm(Min)
  Clearance : 8.0mm(Min)
  Insulation Thickness : 0.5mm(Min)

PIN CONFIGURATION (TOP VIEW)



1: ANODE
2: CATHODE
3: N.C.
4:TERMINAL1
6:TERMINAL2

RESTRICTIONS ON PRODUCT USE

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- 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.
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