

TOSHIBA PHOTOCOUPLER GaAs IRED & PHOTO-TRIAC

TLP3021F(S), TLP3022F(S), TLP3023F(S)

OFFICE MACHINE
HOUSEHOLD USE EQUIPMENT
TRIAC DRIVER
SOLID STATE RELAY

The TOSHIBA TLP3021F(S), TLP3022F(S) and TLP3023F(S) consist of photo-triac optically coupled to a gallium arsenide infrared emitting diode in a six lead plastic DIP.

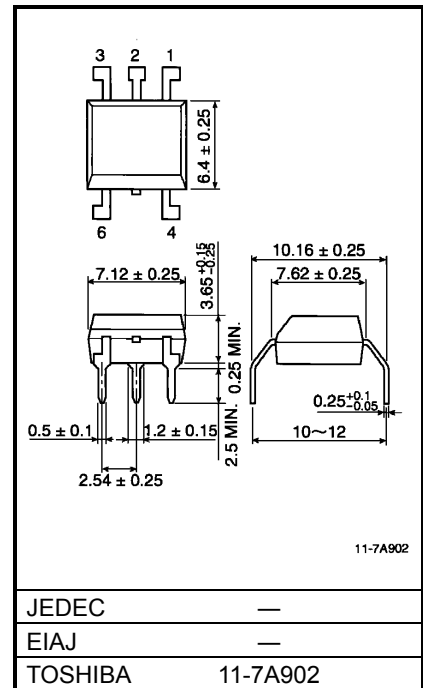
- Peak Off-State Voltage : 400 V (min)
- Trigger LED Current : 15 mA (max) (TLP3021F(S))
10 mA (max) (TLP3022F(S))
5 mA (max) (TLP3023F(S))
- On-State Current : 100 mA (max)
- Isolation Voltage : 5000Vrms(Min)
- UL Recognized : UL1577, File No.E67349
- SEMKO Approved : SS EN60065
SS EN60950, File No.9841105
- 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 a EN60747-5-2 approved type is needed,
please designate the "Option (D4)"

- Construction Mechanical Rating

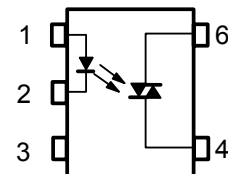
	10.16 mm pitch TLPxxxxF Type
Creepage Distance	8.0 mm (Min)
Clearance	8.0 mm (Min)
Insulation Thickness	0.5 mm (Min)

Unit: mm



Weight : 0.39g

Pin Configuration (top view)



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

RESTRICTIONS ON PRODUCT USE

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- GaAs(Gallium Arsenide) is used in this product. The dust or vapor is harmful to the human body. Do not break, cut, crush or dissolve chemically.