TOSHIBA PHOTOCOUPLER GaAs IRED & PHOTO-TRIAC

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

Office Machines Home Appliances Triac Drivers Solid State Relays

The TOSHIBA TLP3021F(S), TLP3022F(S) and TLP3023F(S) consist of a gallium arsenide infrared emitting diode optically coupled to a photo-triac 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: 5000 Vrms (min)
UL recognized: UL1577, File No.E67349

• SEMKO approved: EN60065

EN60950-1

EN60335-1, File No.813274

BSI approved: BS EN60065:2002, File No.8385
 BS EN60950-1:2006, File No.8386

• Option (D4) type

VDE approved: DIN EN60747-5-2

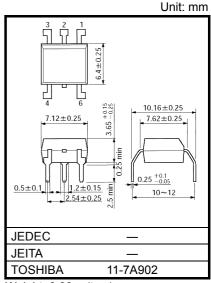
Approved No. 40009302

Maximum operating insulation voltage: 1140 VPK Maximum permissible over voltage: 8000 VPK

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

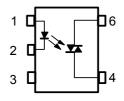
Construction mechanical rating

	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.)

Pin Configuration (top view)



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

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