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)

: UL1577,File No.E67349 UL Recognized

SEMKO Approved : SS EN60065

SS EN60950, File No.9841105

: BS EN60065, File No.8385 **BSI** Approved

BS EN60950, File No.8386

Option (D4) type

VDE approved: DIN EN60747-5-2

Approved No. 40009302

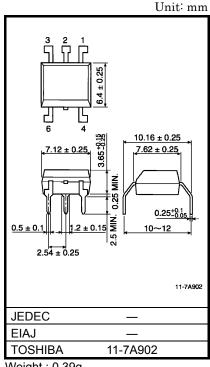
Maximum operating insulation voltage: 1140VPK

Highest permissible over voltage: 8000VPK

(Note): When an EN60747-5-2 approved type is needed, please designate the "Option (D4)"

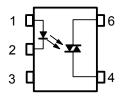
Construction Mechanical Rating

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



Weight: 0.39g

## Pin Configuration (top view)



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

## **RESTRICTIONS ON PRODUCT USE**

20070701-EN

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