TOSHIBA PHOTOCOUPLER GaAs IRED & PHOTO-TRIAC

## TLP3061F(S),TLP3062F(S),TLP3063F(S)

OFFICE MACHINE
HOUSEHOLD USE EQUIPMENT
TRIAC DRIVER
SOLID STATE RELAY

The TOSHIBA TLP3061F(S), TLP3062F(S), TLP3063F(S) consist of a zero voltage crossing turn-on photo-triac optically coupled to a gallium arsenide infrared emitting diode in a six lead plastic DIP package. All parameters are tested to the specifications of TLP3061(S) TLP3062(S) and TLP3063(S).

(both condition and limits)

• Peak Off-State Voltage : 600 V (min)

• Trigger LED Current : 15 mA (max) (TLP3061F(S))

10 mA (max) (TLP3062F(S)) 5 mA (max) (TLP3063F(S))

On-State Current : 100 mA (max)
 Isolation Voltage : 5000 Vrms (min)

• UL Recognized : UL1577, File No. E67349

• SEMKO Approved : SS EN60065

SS EN60950, File No.9841113

BSI Approved : BS EN60065, File No.8385

BS EN60950, File No.8386

• Option (D4) type

VDE approved: DIN EN60747-5-2

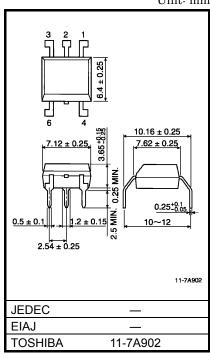
Approved No. 40009302

Maximum operating insulation voltage:  $1140V_{PK}$  Highest permissible over voltage:  $8000V_{PK}$ 

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

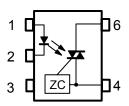
• Construction mechanical rating

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



weight: 0.39g

## Pin Configuration (top view)



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

ZC:Zero-cross Circuit

## **RESTRICTIONS ON PRODUCT USE**

20070701-EN

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