

TOSHIBA Photocoupler GaAs Ired & Photo-Triac

TLP360JF

Triac Drivers

Programmable Controllers

AC-Output Modules

Solid State Relays

The TOSHIBA TLP360JF consists of a photo-triac optically coupled to a gallium-arsenide infrared-emitting diode in a four-lead plastic DIP package.

Absolute maximum ratings and electrical characteristics are the same as those given in the TLP360J technical data sheets.

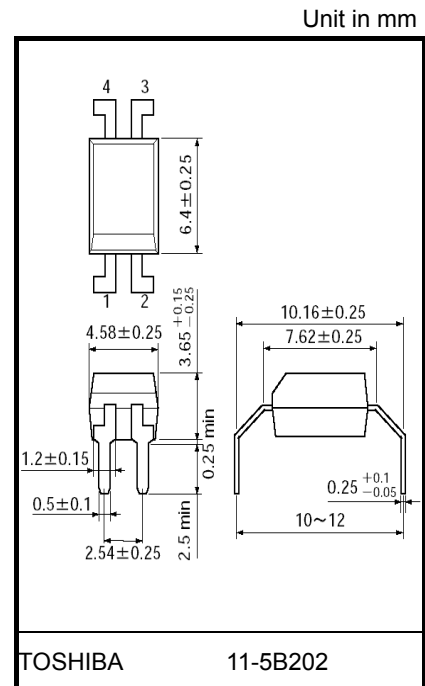
- Peak off-state voltage: 600 V (min)
- Trigger LED current: 10 mA (max)
- On-state current: 100 mA (max)
- Isolation voltage: 5000 Vrms (min)
- UL recognized: UL1577, file No. E67349
- Option (D4) type
TÜV approved: DIN EN60747-5-2

Certificate No. R50033433

Maximum operating insulation voltage : 1140 Vpk

Maximum permissible overvoltage : 8000 Vpk

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

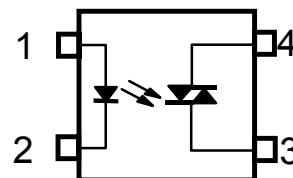


Weight: 0.26 g

•Construction mechanical rating

	10.16 mm pitch
Creepage distance	8.0 mm (min)
Clearance	8.0 mm (min)
Insulation thickness	0.4 mm (min)

Pin Configuration (top view)



- 1: ANODE
- 2: CATHODE
- 3: TERMINAL1
- 4: TERMINAL2

•Trigger LED current

Classi- fication*	Trigger LED current (mA)		Marking of classification
	V _T = 6 V, Ta = 25°C		
	Min.	Max.	
(IFT7)	—	7	T7
Standard	—	10	T7, blank

*Example: "(IFT7)"; "TLP360JF(IFT7)"

(Note) When specifying the application type name for certification testing, be sure to use the standard product type name, e.g., TLP360JF(IFT7): TLP360JF

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20070701-EN

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