



TOSHIBA Photocoupler GaAs Ired + Phototransistor

TLP627F

- Programmable Controllers
- DC Output Modules
- Telecommunications

The TOSHIBA TLP627F consists of a GaAs infrared emitting diode optically coupled to a Darlington-connected phototransistor. The 350-V collector-emitter breakdown voltage of the TLP627F makes it suitable for applications such as 100-V DC output modules in programmable controllers and pulse dialers. All parameters are tested to the specification of the TLP627, including test conditions and ratings.

- Emitter-collector voltage: 300 V (min)
- Current transfer ratio: 1000% (min)
- Isolation voltage: 5000 Vrms

● Safety Standards

	MADE IN JAPAN	
UL-recognized	E67349	*1
BSI-recognized	7426, 7427	*2
SEMKO-recognized	9808210/01-03	*3

*1: UL1577

*2: BS EN60065: 2002, BS EN60950-1: 2006

*3: EN60065, EN60950

● Option (D4) type

VDE-recognized: DIN EN60747-5-5, File No: 40009302

Maximum operating insulation voltage: 1140 Vpk

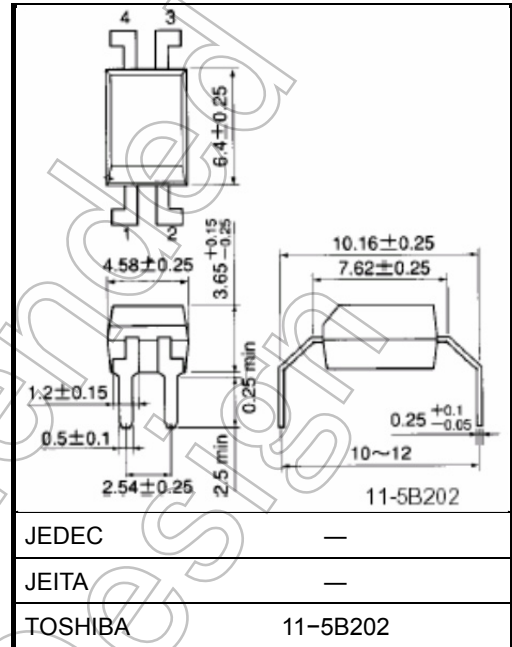
Highest permissible overvoltage: 8000 Vpk

Note: When ordering an EN60747 approved devices, "Option (D4)" should be designated.

● Construction Mechanical Ratings

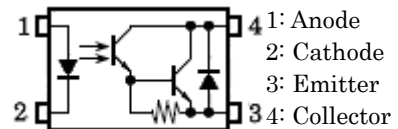
	7.62-mm Pitch TLP627	10.16-mm Pitch TLP627F / (LF2)
Creepage Distance	6.4 mm (min)	8.0 mm (min)
Clearance	6.4 mm (min)	8.0 mm (min)
Insulation Thickness	0.4 mm (min)	0.4 mm (min)

Unit: mm



Weight: 0.26 g (typ.)

Pin Configurations (Top View)



Start of commercial production
1998/09



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