

Tentative

TOSHIBA Photocoupler GaAs IRED & PHOTO-TRIAC

TLP363JF

Triac Drivers Programmable Controllers AC-Output Modules Solid State Relays

The TOSHIBA TLP363JF consists of a zero-voltage-crossing turn-on photo-triac optically coupled to a gallium-arsenide infrared-emitting diode in a four-lead plastic DIP package.

This product has a greater capacity to withstand external noise than the TLP361JF.

Maximum ratings and electrical characteristics are the same as those given in the TLP363J 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)
 Zero Crossing function 	
UL-Recognized	: UL1577, file No. E67349
•Option (D4) type	
TÜV approved	: DIN EN-60747-5-2
	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)."

Construction Mechanical Rating

	10.16 mm pitch
Creepage Distance	8.0 mm (Min)
Clearance	8.0 mm (Min)
Insulation Thickness	0.4 mm (Min)

Trigger LED Current

Classi	Classi– fication* Trigger LED Current (mA) $V_T = 3 V, Ta = 25^{\circ}C$		Marking of
fication*			
lication	Min.	Max.	Classification
Standard	_	10	blank

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

TLP363JF

PIN CONFIGURATION (TOP VIEW)



- 3: TERMINAL1
- 4: TERMINAL2

Unit: mm



RESTRICTIONS ON PRODUCT USE

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set forth in the most recent TOSHIBA products specifications. Also, please keep in mind the precautions and conditions set forth in the "Handling Guide for Semiconductor Devices," or "TOSHIBA Semiconductor Reliability Handbook" etc..

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- GaAs(Gallium Arsenide) is used in this product. The dust or vapor is harmful to the human body. Do not break, cut, crush or dissolve chemically.