TOSHIBA Photocoupler GaAs IRed & Photo-Thyristor

## TLP748JF

Office Machine Household Use Equipment Solid State Relay Switching Power Supply

The TOSHIBA TLP748JF consists of a photo-thyristor optically coupled to a gallium arsenide infrared emitting diode in a six lead plastic DIP. All parameters are tested to the specification of TLP748J (both condition and limits).

- Peak OFF-state voltage: 600 V (min)
- Trigger LED current: 10 mA (max)
- ON-state current: 150 mA (max)
- UL recognized: UL1577, file no. E67349
- BSI approved: BS EN60065:2002,

BS EN60950-1:2006

• SEMKO approved: EN60065:2002,

EN60950-1:2006

- Isolation voltage: 4000 Vrms (min)
- Option (D4) type

VDE approved: DIN EN 60747-5-2

 $\label{eq:maximum} \begin{aligned} &\text{Maximum operating insulation voltage: } 1130 \ V_{pk} \\ &\text{Highest permissible over voltage: } 8000 \ V_{pk} \end{aligned}$ 

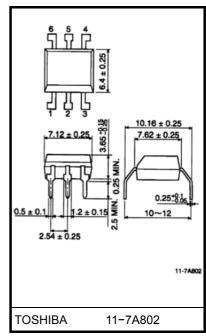
(Note) When a EN 60747-5-2 approved type is needed, please designate the "option (D4)"

10.16 mm pitch

TLPxxxxF type

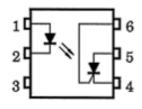
Creepage distance: 8.0 mm (min)
 Clearance: 8.0 mm (min)
 Insulation thickness: 0.4 mm (min)

Unit: mm



Weight: 0.42 g (typ.)

## Pin Configuration (top view)



- 1:ANODE
- 2 : CATHODE
- 3 : N.C.
- 4 : CATHODE
- 5 : ANODE
- 6: GATE

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