

TOSHIBA Photocoupler Photo Relay

TLP797JF

Telecommunication
Measurement Instruments
FA

The TOSHIBA TLP797JF consists of an aluminum gallium arsenide infrared emitting diode optically coupled to a photo-MOS FET housed in a 6-pin DIP package (DIP6).

The TLP797JF is a bi-directional switch and can replace mechanical relays in many applications.

All parameters are the same as those of the TLP797J and listed in its datasheet.

- 6-pin DIP (DIP6)
- 1-form-A
- Peak off-state voltage: 600 V (min)
- Trigger LED current: 5 mA (max)
- On-state current: 100 mA (max)
- On-state resistance: 35 Ω (max)
- Isolation voltage: 5000 Vrms (min)
- UL recognized: UL1577, file No. E67349
- Option(D4) type

VDE approved: DIN EN 60747-5-2

Certificate No. 40009302

Maximum operating insulation voltage : 1140 V_{PK}

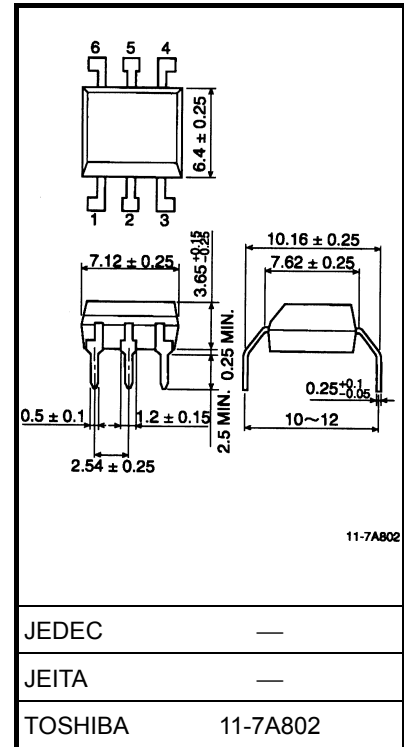
Highest permissible over voltage : 6000 V_{PK}

(Note) When an EN60747-5-2 approved type is needed, please designate the “option (D4)”.

- Construction mechanical rating

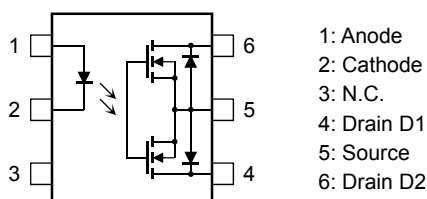
	10.16 mm pitch TLP797JF
Creepage distance	8.0 mm (min)
Clearance	8.0 mm (min)
Insulation thickness	0.4 mm (min)

Unit: mm

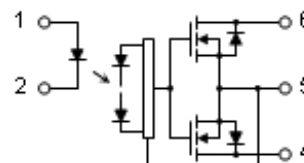


Weight: 0.42 g (typ.)

Pin Configurations (top view)



Schematic



Start of commercial production
2001/07

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