

TLP421F

OFFICE EQUIPMENT

HOUSEHOLD APPLIANCES

SOLID STATE RELAYS

SWITCHING POWER SUPPLIES

VARIOUS CONTROLLERS

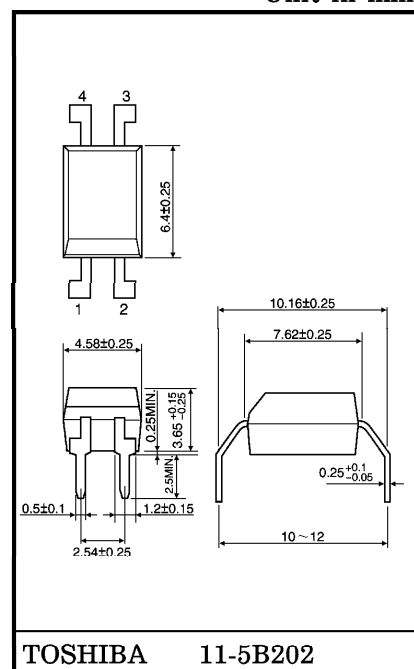
SIGNAL TRANSMISSION BETWEEN DIFFERENT VOLTAGE CIRCUITS

The TOSHIBA TLP421F consists of a silicone photo-transistor optically coupled to a gallium arsenide infrared emitting diode in a four lead plastic DIP (DIP4) with having high isolation voltage (AC : 5k V_{RMS} (min)).

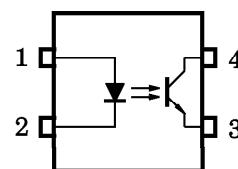
Maximum rating and electrical characteristics are the same as TLP421 technical datasheet.

- Collector-Emitter Voltage : 80 V (min)
- Current Transfer Ratio : 50% (min)
Rank GB : 100% (min)
- Isolation Voltage : 5000 V_{rms} (min)
- UL Recognized : UL1577
- BSI Approved : BS EN60065 : 1994
Approved No. 8411
BS EN60950 : 1992
Approved No. 8412
- SEMKO Approved : EN60065, EN60950, EN60335
Approved No. 9910249 / 01

Unit in mm



Weight : 0.26 g

PIN CONFIGURATIONS
(TOP VIEW)

1 : ANODE
2 : CATHODE
3 : EMITTER
4 : COLLECTOR

- Option (D4) type
TÜV Approved : DIN VDE0884
Approved No. R9950202
Maximum Operating Insulation Voltage : 1130 V_{PK}
Maximum Permissible Over Voltage : 8000 V_{PK}

(Note) : When a VDE0884 approved type is needed, please designate the “Option (D4)”
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Making VDE Application : DIN VDE0884

- Construction Mechanical Rating

	10.16 mm pitch TLP421F type
Creepage Distance	8.0 mm (min)
Clearance	8.0 mm (min)
Insulation Thickness	0.4 mm (min)

RESTRICTIONS ON PRODUCT USE

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