

TLP421F

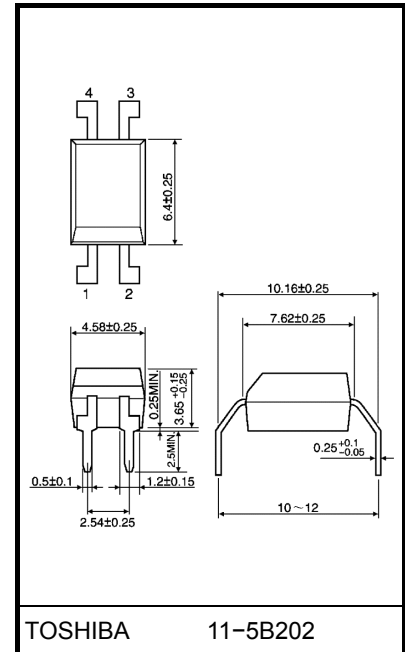
Office Equipment
Household Appliances
Solid State Relays
Switching Power Supplies
Various Controllers
Signal Transmission Between Different Voltage Circuits

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: 5kVRMS (min)).

Absolute maximum ratings and electrical characteristics are the same as TLP421 technical datasheet.

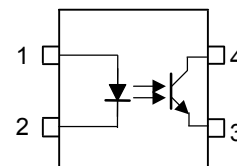
- Collector-emitter voltage: 80V (min)
- Current transfer ratio: 50% (min)
Rank GB: 100% (min)
- Isolation voltage: 5000 V_{rms} (min)
- UL recognized: UL1577
- BSI approved: BS EN60065: 2002
Approved no. 8411
BS EN60950-1: 2002
Approved no. 8412
- SEMKO approved: EN60065, EN60950, EN60335
Approved no. 9910249 / 01

Unit in mm



Weight: 0.26 g

Pin Configurations (top view)



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

- Option (D4) type

TUV approved: DIN EN 60747-5-2

Approved no. 40010944

Maximum operating insulation voltage: 1130V_{PK}

Maximum permissible over voltage: 8000V_{PK}

**(Note): When an EN 60747-5-2 approved type is needed,
please designate the “ Option (D4) ”**

Making VDE application: DIN EN 60747-5-2

- Construction mechanical rating

	10.16mm pitch TLP421F type
Creepage distance	8.0 mm (min)
Clearance	8.0 mm (min)
Insulation thickness	0.4 mm (min)

RESTRICTIONS ON PRODUCT USE

20070701-EN

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- Подбор аналогов;
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- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



Как с нами связаться

Телефон: 8 (812) 309 58 32 (многоканальный)

Факс: 8 (812) 320-02-42

Электронная почта: org@eplast1.ru

Адрес: 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.