SEMICONDUCTOR

TECHNICAL DATA

TOSHIBA PHOTOCOUPLER **T L P 7 2 1 F** GaAs IRED & PHOTO-TRANSISTOR

(TLP721F) OFFICE MACHINE. SWITCHING POWER SUPPLY.

TOSHIBA

The TOSHIBA TLP721F consists of a photo-transistor optically coupled to a gallium arsenide infrared emitting diode in a four lead plastic DIP package.

All parameters are tested to the specification of TLP721. (both condition and limits)

- Collector-Emitter Voltage : 55V (Min.)
- Current Transfer Ratio : 50% (Min.) Rank GB : 100% (Min.)
 - UL Recognized : UL1577, File No.E67349
- BSI Approved : BS415:1990, BS7002:1989(EN60950) Certificate No.7364, 7365
 - SEMKO Approved : SS4330784 Certificate 9325163
- Isolation Voltage : 4000Vrms (Min.)

Highest Permissible Over Voltage

(Note)

Clearance

Creepage Distance

Internal Creepage Path

Insulation Thickness

Maximum Operating Insulation Voltage :

 Option (D4) type
VDE Approved : DIN VDE0884/06.92, Certificate No. 74285



Weight : 0.28g

890Vpk

6000Vpk

:

PIN CONFIGURATION (TOP VIEW)



1. ANODE

- 2. CATHODE
- 3. EMITTER
- 4. COLLECTOR

Conforming Safety Standards : DIN 57 804.VDE0804/1.83 DIN IEC65/VDE0860/8.81 DIN IEC380/VDE0806/8.81 DIN IEC435/VDE0805/Draft Nov.84 DIN IEC601T1/VDE0750T1/5.82 BS7002 : 1989 (EN60950)

When a VDE0884 approved type is needed,

8.0mm (Min.)

8.0mm (Min.)

4.0mm (Min.)

0.5mm (Min.)

please designate the "Option (D4)"

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