

TOSHIBA Photocoupler GaAs Ired & Photo-Triac

TLP3041F(S), TLP3042F(S), TLP3043F(S)

Office Machine

Household Use Equipment

Triac Driver

Solid State Relay

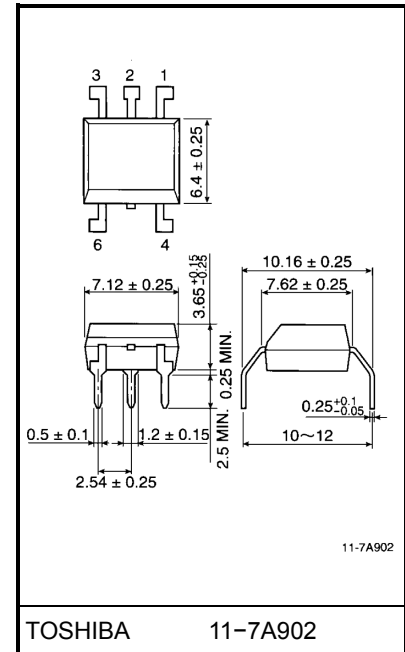
The TOSHIBA TLP3041F(S), TLP3042F(S) and TLP3043(S) consist of a photo-triac optically coupled to a gallium arsenide infrared emitting diode in a six lead plastic DIP.

All parameters are tested to the specifications of TLP3041(S) TLP3042(S) and TLP3043(S).
(both condition and limits)

- Peak off-state voltage: 400V (min)
- Trigger LED current: 15mA (max) (TLP3041F(S))
10mA (max) (TLP3042F(S))
5mA (max) (TLP3043F(S))
- On-state current: 100mA (max)
- UL recognized: UL1577, file no. E67349
- Isolation voltage: 5000 V_{rms} (min)
- SEMKO approved: SS EN60065
SS EN60950
SS EN60335
- BSI approved: BS EN60065
BS EN60950
- Option (D4) type
VDE approved: DIN VDE0884 / 06.92
Certificate no. 68329
Maximum operating insulation voltage: 890V_{PK}
Highest permissible over voltage: 8000V_{PK}

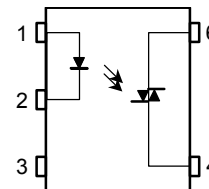
(Note): When a VDE0884 approved type is needed, please designate the " Option (D4) "

Unit in mm



Weight: 0.39g

Pin Configuration (top view)



- 1 : Anode
- 2 : Cathode
- 3 : N.C.
- 4 : Terminal 1
- 6 : Terminal 2

RESTRICTIONS ON PRODUCT USE

000707EBC

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In developing your designs, please ensure that TOSHIBA products are used within specified operating ranges as set forth in the most recent TOSHIBA products specifications. Also, please keep in mind the precautions and conditions set forth in the "Handling Guide for Semiconductor Devices," or "TOSHIBA Semiconductor Reliability Handbook" etc..
- The TOSHIBA products listed in this document are intended for usage in general electronics applications (computer, personal equipment, office equipment, measuring equipment, industrial robotics, domestic appliances, etc.). These TOSHIBA products are neither intended nor warranted for usage in equipment that requires extraordinarily high quality and/or reliability or a malfunction or failure of which may cause loss of human life or bodily injury ("Unintended Usage"). Unintended Usage include atomic energy control instruments, airplane or spaceship instruments, transportation instruments, traffic signal instruments, combustion control instruments, medical instruments, all types of safety devices, etc.. Unintended Usage of TOSHIBA products listed in this document shall be made at the customer's own risk.
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