

TOSHIBA Photocoupler GaAs Ired & Photo-Triac

TLP3061F(S), TLP3062F(S), TLP3063F(S)

Office Machine

Household Use Equipment

Triac Driver

Solid State Relay

The TOSHIBA TLP3061F(S), TLP3062F(S) and TLP3063F(S) consist of a photo-triac optically coupled to a gallium arsenide infrared emitting diode in a six lead plastic DIP.

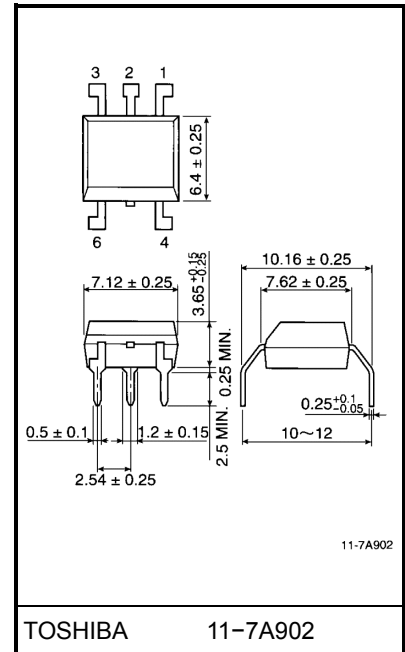
All parameters are tested to the specification of TLP3061(S), TLP3062(S) and TLP3063(S).

(both condition and limits)

- Peak off-state voltage: 600V(min)
- Trigger LED current: 15mA(max)(TLP3061F(S))
10mA(max)(TLP3062F(S))
5mA(max)(TLP3063F(S))
- On-state current: 100mA(max)
- UL recognized: UL1577, file no.E67349
- Isolation voltage: 5000V_{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}

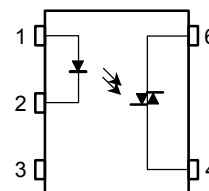
(Note): When a VDE0884 approved type is needed, please designate the " Option (D4) "

Unit in mm



Weight: 0.39 g

Pin Configuration (top view)



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

RESTRICTIONS ON PRODUCT USE

000707EBC

- TOSHIBA is continually working to improve the quality and reliability of its products. Nevertheless, semiconductor devices in general can malfunction or fail due to their inherent electrical sensitivity and vulnerability to physical stress. It is the responsibility of the buyer, when utilizing TOSHIBA products, to comply with the standards of safety in making a safe design for the entire system, and to avoid situations in which a malfunction or failure of such TOSHIBA products could cause loss of human life, bodily injury or damage to property.
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..
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- Gallium arsenide (GaAs) is a substance used in the products described in this document. GaAs dust and fumes are toxic. Do not break, cut or pulverize the product, or use chemicals to dissolve them. When disposing of the products, follow the appropriate regulations. Do not dispose of the products with other industrial waste or with domestic garbage.
- The products described in this document are subject to the foreign exchange and foreign trade laws.
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