

TLP3782F(S),TLP3783F(S)

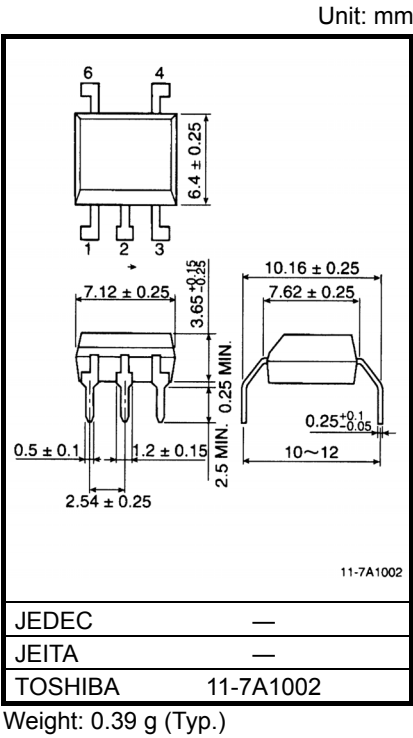
Office Equipment
Home Appliances
Triac Drivers
Solid State Relays

The TOSHIBA TLP3782F(S) and TLP3783F(S) consist of a GaAlAs light-emitting diode optically coupled to a triac-output photocoupler featuring a zero-cross voltage and is housed in a 6-pin DIP package. The TLP3782F(S) and TLP3783F(S) offer higher impulse noise immunity than that of the TLP3082(S). Absolute maximum ratings and electrical characteristics are the same as those given in the TLP3782(S) and TLP3783(S) technical datasheets.

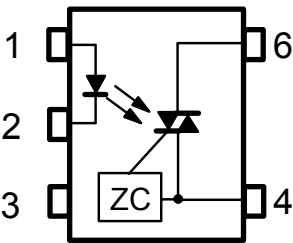
- Peak Off-State Voltage: 800 V (min)
- Trigger LED Current: 10 mA (max) (TLP3782F(S))
5 mA (max) (TLP3783F(S))
- On-State Current: 100 mA (max)
- Isolation Voltage: 5000 Vrms (min)
- UL pending approval
- VDE DIN EN60747-5-2 pending approval

- Construction mechanical rating

	7.62 mm pitch Standard Type	10.16 mm pitch TLPxxxxF type
Creepage Distance	7.0 mm (Min)	8.0 mm (Min)
Clearance	7.0 mm (Min)	8.0 mm (Min)
Insulation Thickness	0.5 mm (Min)	0.5 mm (Min)



Pin configuration (top view)



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

ZC:Zero-cross Circuit

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