

## Main Specifications

(Unless otherwise specified,  $T_a=25^\circ\text{C}$ )

Part number		<a href="#">TLX9160T</a>	
Contact		1-Form-A	
Absolute maximum rating	Forward current $I_F$ (mA)	30	
	On-state current $I_{ON}$ (mA)	50	
	Operating temperature $T_{opr}$ ( $^\circ\text{C}$ )	-40 to 125	
	Avalanche current $I_{AV}$ (mA)	0.6	
Electrical characteristics	Off-state current $I_{OFF}$ max (nA)	@ $V_{OFF}=1000\text{V}$	100
	Output withstand voltage $V_{OFF}$ min (V)	@ $I_{OFF}=10\mu\text{A}$	1500
Recommended operating conditions	Supply voltage $V_{DD}$ max (V)	1000	
Coupled electrical characteristics	Trigger LED current $I_{FT}$ max (mA)	@ $I_{ON}=50\text{mA}$	3
	Return LED current $I_{FC}$ min (mA)	@ $T_a=-40$ to $125^\circ\text{C}$	0.05
	On-state resistance $R_{ON}$ max ( $\Omega$ )	@ $I_{ON}=50\text{mA}$ , $I_F=10\text{mA}$ , $t<1\text{s}$	250
Switching characteristics	Turn-on time $t_{ON}$ max (ms)	1	
	Turn-off time $t_{OFF}$ max (ms)	1	
Isolation characteristics	Isolation voltage $BV_S$ min (Vrms)	5000	
Clearance distance min (mm)		8	
Creepage distance min (mm)		8	
Package	Name	SO16L-T	
	Size typ. (mm)	10.3×10×2.45	
Sample Check & Availability		<a href="#">Buy Online</a>	