

Main Specifications

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

Part number				TLX9150M
Contact				1a
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} (nA)	$V_{OFF}=900\text{V}$	Max	100
	Output withstand voltage V_{OFF} (V)	$I_{OFF}=10\mu\text{A}$	Min	900
Recommended operating conditions	Supply voltage V_{DD} (V)			Max 720
Coupled electrical characteristics	Trigger LED current I_{FT} (mA)	$I_{ON}=50\text{mA}$	Max	3
	Return LED current I_{FC} (mA)	$T_a=-40$ to 125°C	Min	0.05
	On-state resistance R_{ON} (Ω)	$I_{ON}=50\text{mA}$, $I_F=10\text{mA}$, $t<1\text{s}$	Max	250
Switching characteristics	Turn-on time t_{ON} (ms)			Max 1
	Turn-off time t_{OFF} (ms)			Max 1
Isolation characteristics	Isolation voltage BV_S (Vrms)			Min 5000
Clearance distance (mm)				Min 8
Creepage distance (mm)				Min 8
Package	Name			SO12L-T
	Size (mm)			Typ. 7.76×10.0×2.45
Stock Check & Purchase				Buy Online