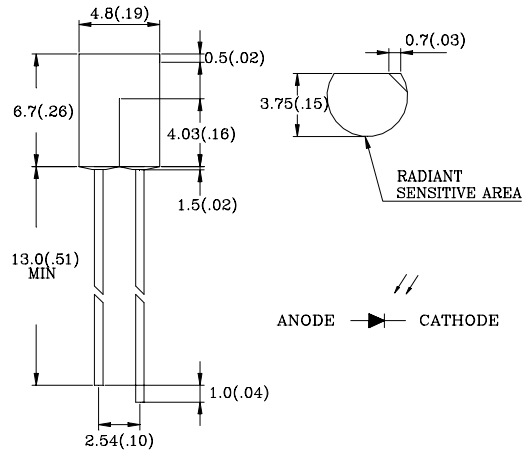




◆PACKAGE DIMENSIONS



◆ABSOLUTE MAXIMUM RATING: (Ta=25°C)

Part No.	P _D (mw)	V _{(BR)R} (V)	Topr	Tstg
L-SC1R9PD1XX	0.1	30	-35°C to 85°C	-35°C to 85°C
PARAMETER	Power Dissipation	Reverse break down Voltage	Operating Temperature Range	Storage Temperature Range

Lead Soldering Temperature { 1.6mm (0.063 inch) From Body } 250°C±5°C For 3 Seconds

◆ELECTRO-OPTICAL CHARACTERISTICS: (Ta=25°C)

Part No.	I _D (nA)			V _{(BR)R} (V)			V _{OC} (mV)			I _L (uA)			t _{on} /t _{off} (nS)			C _T (pF)			λ (nm)		
	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Typ	Max	Min	Peak	Max
L-SC1R9PD1C		5	30	33	170			390		30	40			45/45			18		400		1050
L-SC1R9PD1D1		5	30	33	170			390		30	40			45/45			18		900	940	
L-SC1R9PD1D2		5	30	33	170			390		30	40			45/45			18		800	870	
TEST CONDITION	V _R =10V E _e =0mW/cm ²			I _R =100uA E _e =0mW/cm ²			λ =940nm E _e =0.5mW/cm ²			V _R = 5V E _e =0.1mW/cm ²			V _R = 10V R _L = 1000 Ω			f =1MHZ V _R =5V E _e =0mW/cm ²					
PARAMETER	REVERSE DARK CURRENT			REVERSE BREAKDOWN VOLTAGE			OPEN CTRCUIT VOLTAGE			LIGHT CURRENT			TURN-ON TURN-OFF TIME			TOTAL CAPACTTANCE			SPECTRAL SENSITIVITY WAVELENGTH		

D1,D2 = BLACK

- All dimension are in millimeter (inches).
- Tolerance is ±0.25mm(0.01”)unless otherwise specified.