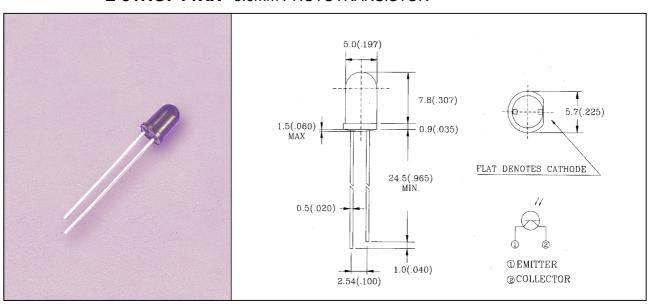
## L-51ROPT1XX 5.0mm PHOTOTRANSISTOR



## **♦**ABSOLUTE MAXIMUN RATING:(Ta=25°C)

Part No.	P <sub>□</sub> (mw)	V <sub>(BR)R</sub> (V)	Topr	Tstg						
L-51ROPT1XX	10	5	-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.	BVceo (V)		BVECO (V)		Iceo (nA)		VCE(s) (V)		t <sub>R</sub> /t <sub>F</sub> (uS)			Ic (mA)			Ссв (рF)			λ (nm)						
Fait NO.	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	PEAK	MAX
L-51ROPT1C	30			5					100			0.4		15/15		1.8	2.4			6.4		400		1050
L-51ROPT1D1	30			5					100			0.4		15/15		1.7	2.2			6.4		900	940	
L-51ROPT1D2	30			5					100			0.4		15/15		1.7	2.2			6.4		800	870	
TEST CONDITION	IC=100uA Ee=0mW/cm <sup>2</sup>		IE=100uA Ee=0mW/cm <sup>2</sup>		VE=20V Ee=0mW/cm <sup>2</sup>		IC=2mA Ee=0.5mW/cm <sup>2</sup>			VCE=5V IC=1mA RL= $1000\Omega$		VCE=5V Ee=0.1mW/cm <sup>2</sup>			f=1MHZ VCB=3V Ee=0mW/cm <sup>2</sup>									
PARAMETER	E BRE	LLEC MITT AKD OLTA	ER OWN	COLLECTOR		COLLECTOR DARK CURRENT		ζ.	COLLECTOR- EMITTER SATURATION VOLTAGE			RISE/FALL TIME			ON STATE COLLECTOR CURRENT			COLLECTOR -BASE CAPACITANCE			SPECTRAL SENSITIVITY WAVELENGTH			

## D1,D2=BLACK

1.All dimension are in millimeters (inches).

2. Tolerance is  $\pm$  0.25 mm (0.01") unless otherwise specified.

Ozn. MARITEX:

L-IR-T5B-940 - L-51ROPT1D1 L-IR-T5B-870 - L-51ROPT1D2