



◆ **ABSOLUTE MAXIMUM RATING:(Ta=25°C)**

Part No.	P _D (mw)	V _R (V)	Topr	Tstg
L-51XXIR1BC	100	5	-35°C to 85°C	-35°C to 85°C
PARAMETER	Power Dissipation	Reverse 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.	V _F (V)			I _R (μA)			λ _p (nm)			2 θ1/2 (dgc)			I _e (mw/sr)		
	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX
L-514EIR1BC		1.2 1.4	1.6			10		940			20		17	30	
L-515EIR1BC		1.2 1.4	1.6			10		940			25		14	25	
L-516EIR1BC		1.2 1.4	1.6			10		940			30		12	23	
L-517EIR1BC		1.2 1.4	1.6			10		940			35		10	20	
L-518EIR1BC		1.2 1.4	1.6			10		940			40		8	18	
L-51AEIR1BC		1.2 1.4	1.6			10		940			50		6	12	
L-514CIR1BC		1.3 1.6	1.8			10		940			20		13	25	
TEST CONDITION	I _F =20mA I _F =100mA			V _R =5V			I _F =20mA			I _F =20mA			I _F =20mA		

BC=BLUE CLEAR

1.All dimension are in millimeters (inches).

2.Tolerance is ± 0.25 mm (0.01") unless otherwise specified.