



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

Part No.	P _D (mw)	V _{(BR)R} (V)	Topr	Tstg
L-51XEIR2C	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 _{fp} (nm)			2θ _{c1/2} (dgc)			I _e (mw/sr)		
	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX
L-514EIR2C		1.4 1.6	1.8			10		880			20		17	30	
L-515EIR2C		1.4 1.6	1.8			10		880			25		14	25	
L-516EIR2C		1.4 1.6	1.8			10		880			30		12	23	
L-517EIR2C		1.4 1.6	1.8			10		880			35		10	20	
L-518EIR2C		1.4 1.6	1.8			10		880			40		8	18	
L-51AEIR2C		1.4 1.6	1.8			10		880			50		6	12	
TEST CONDITION	I _F =20mA I _F =100mA			V _R =5V			I _F =20mA			I _F =20mA			I _F =20mA		

1. All dimension are in millimeters(inches).
2. Tolerance is ±0.25mm(0.01") unless otherwise specified.