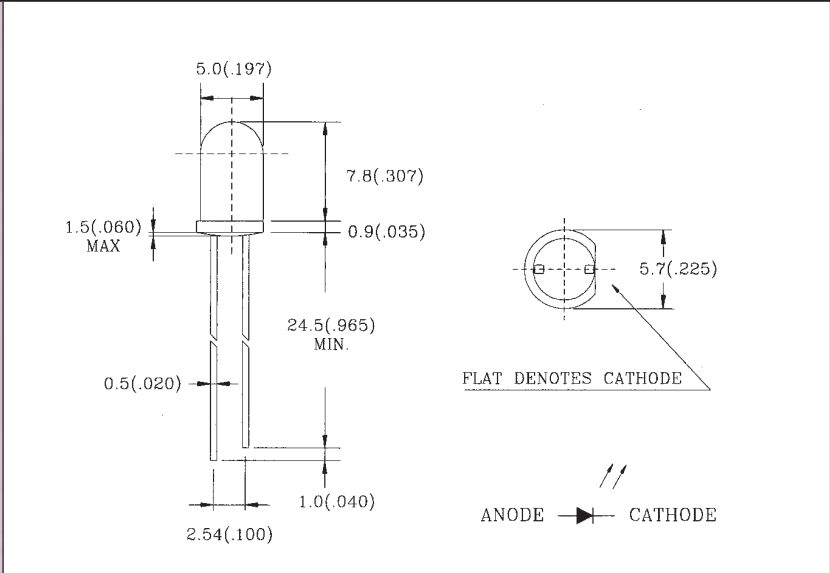




L-51XEIR3XX 5.0mm INFRARED EMITTING DIODE



ABSOLUTE MAXIMUM RATING:(Ta=25°C)

Part No.	P _D (mw)	V _{(BR)R} (V)	Topr	Tstg
L-51XEIR3XX	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 (mA)			λ _{fp} (nm)			2εc/2 (dgc)			I _e (mw/sr)		
	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX	MIN	TYP	MAX
L-514EIR3C		1.55	1.8			10		865			20		30	60	
L-515EIR3C		1.55	1.8			10		865			25		28	55	
L-516EIR3C		1.55	1.8			10		865			30		26	50	
L-517EIR3C		1.55	1.8			10		865			35		24	45	
L-518EIR3C		1.55	1.8			10		865			40		22	40	
L-51AEIR3C		1.55	1.8			10		865			50		20	35	
L-516EIR3D2		1.55	1.8			10		865			30		22	40	
TEST CONDITION	I _F =50mA I _F =100mA			V _R =5V			I _F =20mA			I _F =20mA			I _F =20mA		

BC=BLUE CLEAR D1,D2=BLACK

1.All dimension are in millimeters(inches).

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