



smd 5050 infrared led-940nm

Product Details

Absolute Maximum Rating (Ta=25°C)

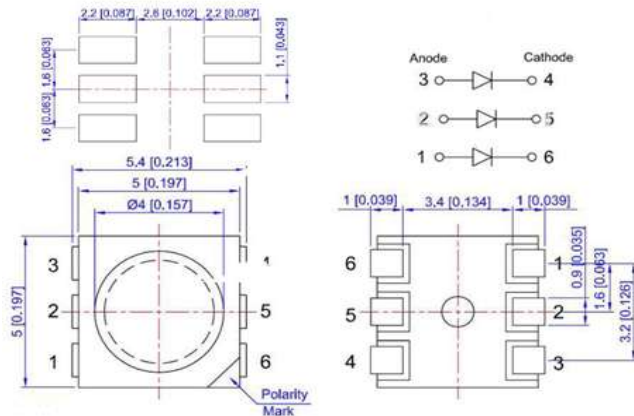
Item	Symbol	Value	Unit
DC forward current	I _F	60	mA
Pulse forward current	I _{FP}	200	mA
Power dissipation	P _D	200	mW
Operating temperature	T _{opr}	-20~+75	°C
Storage temperature	Y _{stg}	-30~+80	°C
Reverse voltage	V _R	5	V
Sold soldering temperature	T _{sol}	260°C/3Sec	---

Plus with Max 10ms,duty ratio max1/10

Initial Electrical/Optical Characteristics (Ta=25°C)

Item	Symbol	condition	Min	Type	Max	Unit
DC forward Voltage	V _F	I=60mA	1.1	1.25	1.35	V
DC reverse Current	I _R	V=5V	----	----	5	μ A
wavelength	W _p	I=60mA	930	940	950	Nm
Spectrum Radiation Bandwidth	Δ λ	I=60mA	----	28	----	Nm
Luminous Intensity	I _v	I=60mA	25	----	50	mw
50%Power Angle	2θ 1/2	I=60mA	----	120	----	deg

Package Outline Dimensions



Note:1.UNIT:MM[INCH].

2.The tolerances unless mentioned is ± 0.2mm

