



RLS370SMD0805

●ABSOLUTE MAXIMUM RATINGS (Ta=25°C)

Parameter	Symbol	Value	Unit
Forward Current	If	30	mA
Reverse Voltage	Vr	5	V
Operating Temperature Range	Top	-20 ~ +80	°C
Storage Temperature Range	Tstg	-20 ~ +100	°C
Peak Pulsing Current (1/8 duty, f=1kHz)	Ifp	125	mA

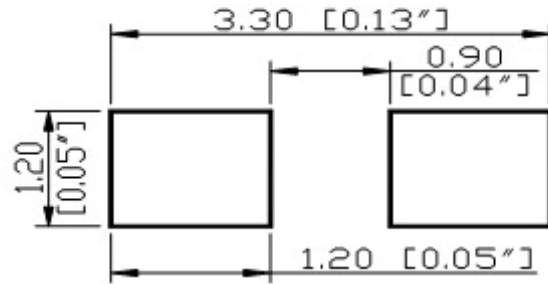
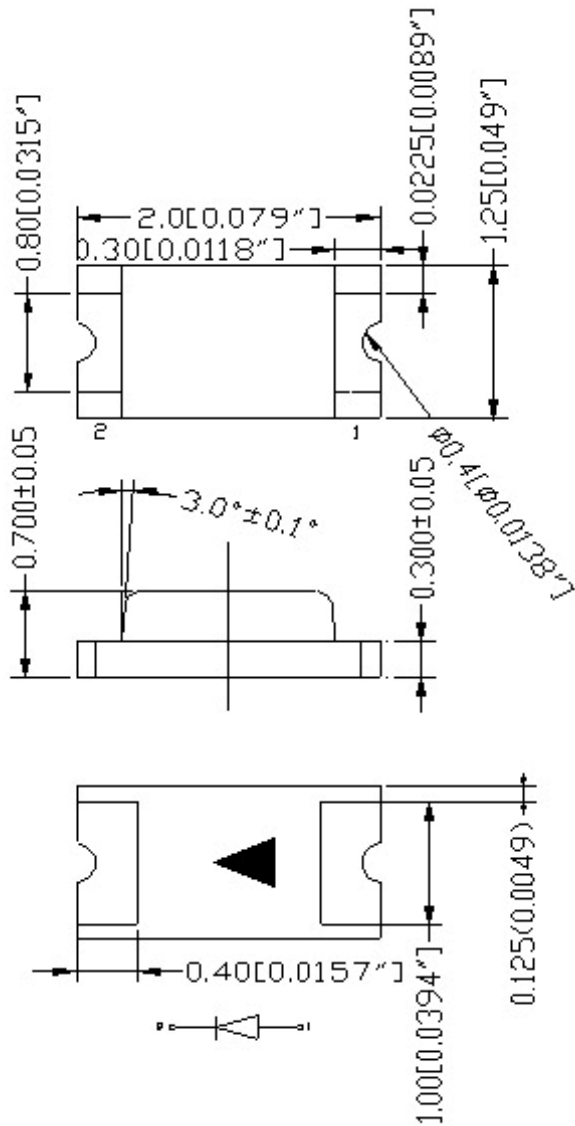
●ELECTRICAL AND OPTICAL CHARACTERISTICS (Ta=25°C)

Parameter	Test Condition	Symbol	Value			Unit
			Min.	Typ.	Max.	
Wavelength at peak emission	If=20mA	λ_{peak}		375		nm
Dominant wavelength	If=20mA	λ_{dom}		373		Nm
Viewing angle at 50% Iv	If=10mA	θ		140		Deg
Forward voltage	If=20mA	Vf		3.4	3.7	V
Luminous intensity	If=20mA	Iv		10-30		mcd



Package outlines

RECOMMEND PAD LAYOUT



NOTES:

1. All dimensions are in millimeters (inches);
2. Tolerances are ±0.1mm (0.004inch) unless otherwise noted.

