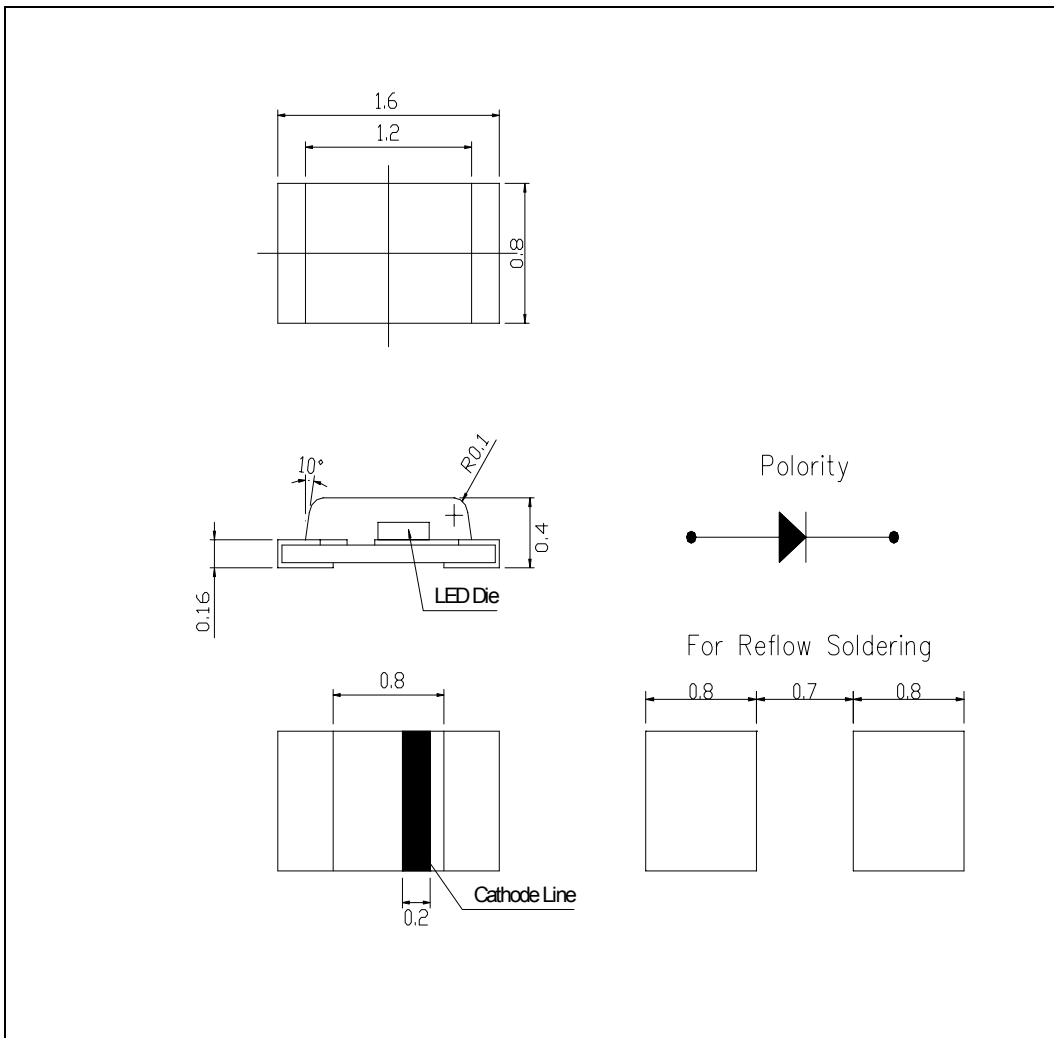


Device	SMD LED LAMP	Blue Chip LED 0603 Type	Approval No.	
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◆ **Feature**

- Small size(1.6mm□0.8mm)
- Package in 8mm tape on 7inch diameter reel
- Reel sealed in Moisture Barrier Bags

◆ **Outline Dimensions**



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◆ **Absolute maximum ratings (Ta=25□)**

Item	Symbol	Rating	Unit
Reverse Voltage	V_R	5	V
Forward Current	I_F	10	mA
Pulse Forward Current* ¹	I_{FP}	70	mA
Power Dissipation	P_D	50	mW
LED Junction Temperature	T_j	100	□
Operating Temperature	T_{opr}	-30~+70	□
Storage Temperature	T_{stg}	-30~+80	□

*¹ $t_w=100\mu\text{sec}$, $T=10\text{msec}$

◆ **Electro-Optical Characteristics (Ta=25□)**

Item	Symbol	Condition	Min	Typ	Max	Unit
Forward Voltage	V_F	$I_F=20\text{mA}$		3.4	3.6	V
Reverse Current	I_R	$V_R=5\text{V}$			10	μA
Luminous Intensity	I_v	$I_F=20\text{mA}$		90		mcd
Dominant Wavelength	λ_d			470		nm
Angle	$2\theta/2$			140		deg

- ◆ Chip LEDs are class 1 ESD sensitive.
Please observe appropriate precautions handling and processing.