



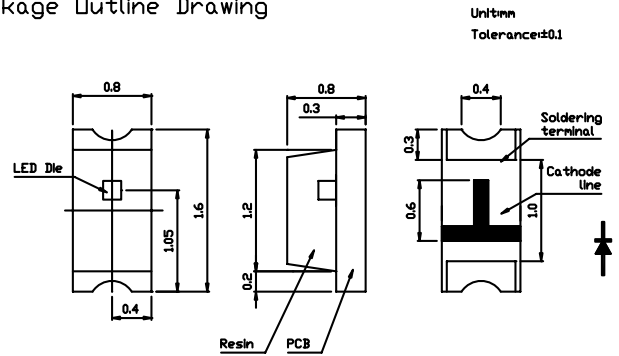
## JSL-0603 Series(1.6x0.8x0.8mm SMD)

### Absolute Maximum Ratings at Ta=25°C

Parameter	Symbol	Rating	Unit
Forward Current	I <sub>F</sub>	25	mA
Power Dissipation	P <sub>d</sub>	60	mW
Reverse Voltage	V <sub>R</sub>	5	V
Peak Forward Current (Duty 1/10 @1KHZ)	I <sub>PF</sub>	150	mA
Operation Temperature	T <sub>OPR</sub>	-40 to +80	°C
Storage Temperature	T <sub>STG</sub>	-40 to +85	°C

### Package Dimensions:

Package Outline Drawing



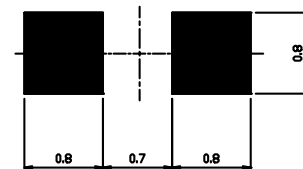
### Features:

1. ultra brightness.
2. Compatible with automatic placement equipment
3. Compatible with reflow solder process
4. Long life solid state reliability.

### Description:

1. Automotive and telecommunication general use for indicators
2. Package:4000pcs/reel

### Recommended Soldering Pad Dimensions



### Products List

Part Number	Dice material And color	Lens color	Peak Wavelength	Vf(V) Typ	Iv(mcd)		Viewing Angle 2 θ 1/2
					Min	Typ	
JSL-0603URC	GaAlAs/ultra Red	Water clear	625nm	2.0	50	70	130°
JSL-0603UYC	AlGaInP/ultra Yellow	Water clear	590nm	2.1	60	80	130°
JSL-0603UBC	InGaN/ultra Blue	Water clear	470nm	3.8	30	50	130°
JSL-0603UGC	AlGaInP/ultra Green	Water clear	574nm	2.2	30	50	130°
JSL-0603PGC	InGaN/Pure Green	Water clear	525nm	3.8	70	110	130°
JSL-0603BGC	InGaN/Blue Green	Water clear	505nm	3.8	70	110	130°
JSL-0603UWC	InGaN/Ultra White	Water clear	-----	3.8	60	100	130°