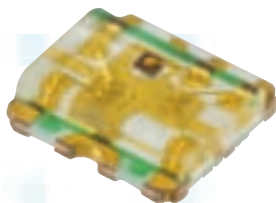


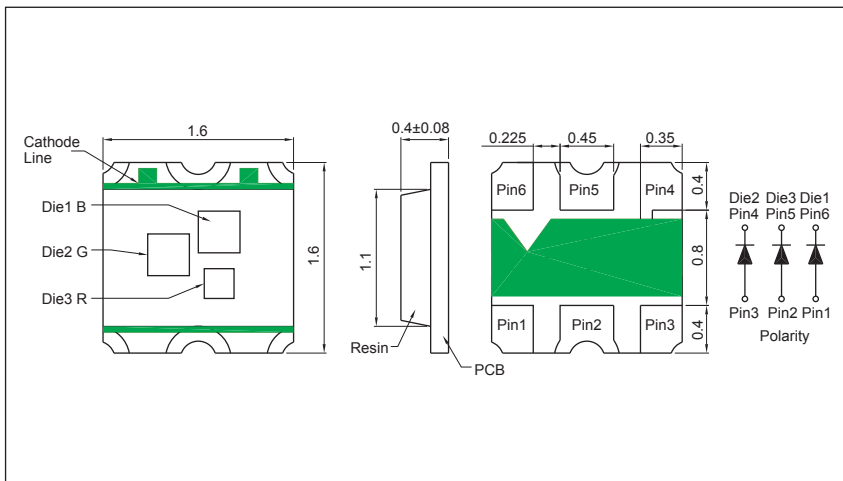
Features

- Chip LED (1.6x1.6x0.4)
- Super compact
- Full color

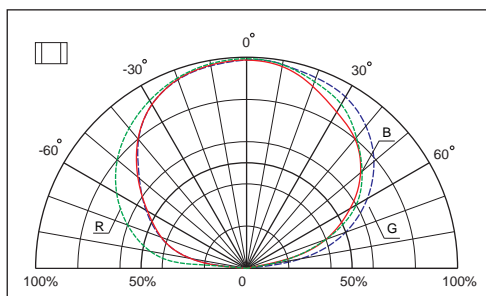
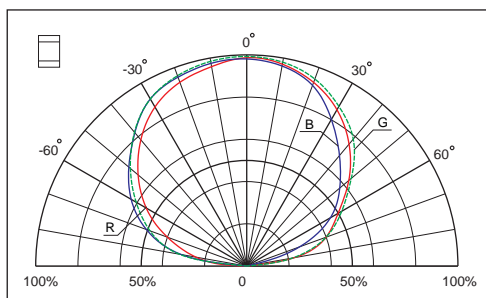


Package Outline Dimensions

(Unit: mm Tolerance: +/-0.1)

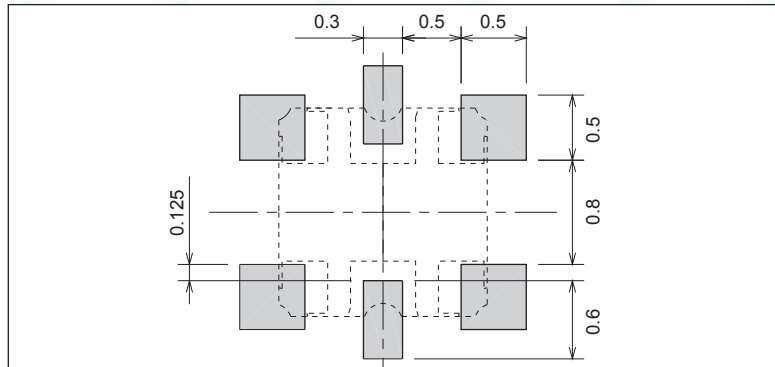


Directive Characteristics



Recommended Soldering Pattern

(Unit:mm)



Absolute Maximum Ratings

(Ta=25°C)

Item	Symbol	AllnGaP	InGaN	Unit
Power Dissipation	P _D	72	78	mW
DC Forward Current	I _F	30	20	mA
Pulsed Forward Current	I _{FP} *	100	80	mA
Reverse Voltage	V _R	5		V
Operating Temperature	T _{OP}	-30 to 80		°C
Storage Temperature	T _{ST}	-40 to 85		°C

* 0.1msec pulse, 10% duty cycle.

Electrical / Optical Characteristics

(Ta=25 °C)

Part Number	Emitting color	Material	Forward Voltage (V _F)		Wavelength (nm) typ.			Luminous Intensity (mcd)*		I _F (mA)	Viewing Angle 2θ _{1/2}
			typ.	max.	D	P	Δ	min.	typ.		
HT-380FCH	Ultra Bright Orange	AlInGaP	1.9	2.4	622	636	17	70	120	20	120
	Green	InGaN	3.3	3.9	527	520	40	110	200	20	120
	Blue	InGaN	3.3	3.9	470	468	40	45	90	20	120

*Per NIST standards

