

Kingbright



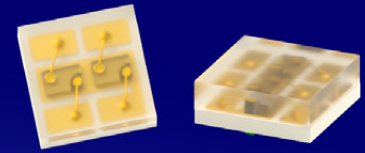
2ND GEN Miniature 0202 SMD

Bi-Color LEDs with Blue, Green, & White



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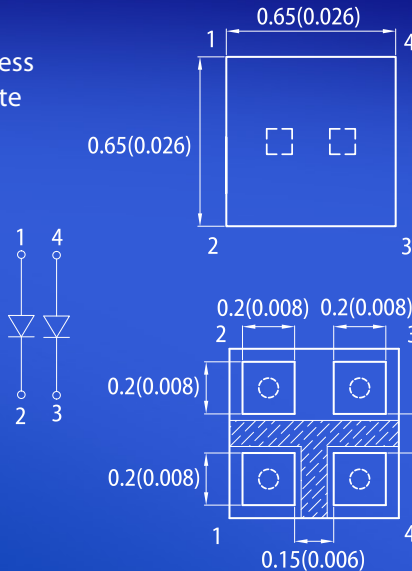


Product Features

- 0.65 mm x 0.65mm SMD LED, 0.25mm thickness
- Bi-Color combination with Blue, Green & White
- Each color can be driven individually
- Low power consumption @ IF = 5mA
- Wide viewing angle 140°
- Halogen-Free
- RoHS compliant

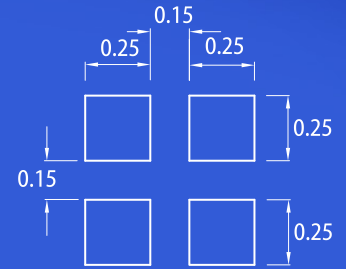
Applications

- Backlight
- Status indicator
- Smart Home and Consumer appliances
- Wearable and portable devices
- Healthcare applications



RECOMMENDED SOLDERING PATTERN

(units : mm; tolerance : ± 0.1)



Mask open area ratio: 80%
Mask thickness: 80~100um

PRODUCT SPECIFICATIONS

Part Number	Lens Type	Color	Wavelength / X-Y Coordinates	Luminous Intensity (mcd)		IF (mA)	Viewing Angle 2θ1/2
				Min	Typ.		
APGB0607B7G22C	Water Clear		468nm	10	40	5	140°
			525nm	50	200		
APGB0607B7R23C	Water Clear		468nm	10	40	5	140°
			624nm	6	25		
APGB0607B7Y7C	Water Clear		468nm	10	40	5	140°
			589nm	4	20		
APGB0607G22R23C	Water Clear		525nm	50	200	5	140°
			624nm	6	25		
APGB0607W8G22F	Yellow Fluorescent		X=0.31, Y=0.31	30	165	5	140°
			525nm	50	200		
APGB0607W8R23F	Yellow Fluorescent		X=0.31, Y=0.31	30	165	5	140°
			624nm	6	25		
APGB0607W8Y7F	Yellow Fluorescent		X=0.31, Y=0.31	30	165	5	140°
			589nm	4	20		

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