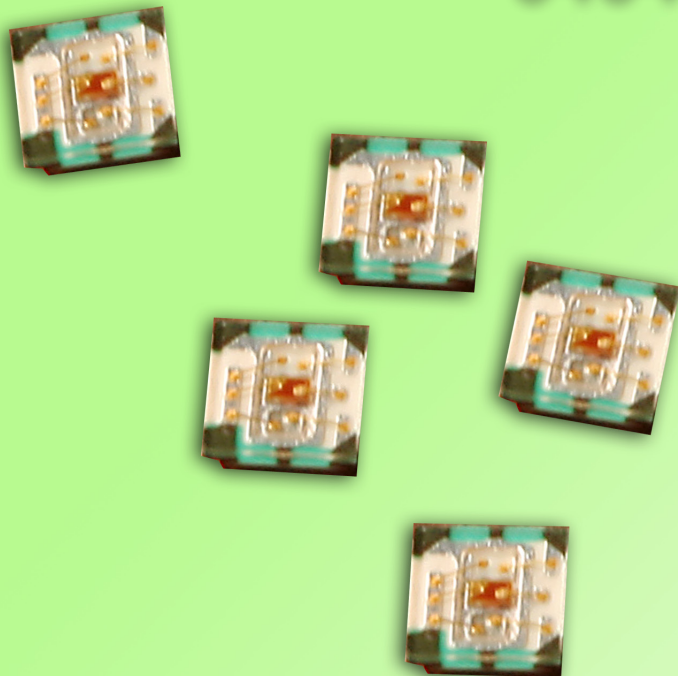


QuasarBrite™

0404 SMD RGB LEDs



Market-Leading Compact RGB LED Package Size!

Lumex's new QuasarBrite™ 0404 RGB LED's compact package size is the smallest RGB LED package available today and is ideally suited for multicolor LED indicator applications in restricted spaces. With market-leading compact size and efficient production processes – the QuasarBrite 0404 RGB LED allows brands to cost effectively and space efficiently integrate full color RGB indicator lights into their products.

Features:

- Full color surface-mount RGB LED
- 0404 Packaging: 1.0mm x 1.00mm x 0.25mm
- Low current operation (30/40/20 mcd respectively for RGB @ 2mA)
- Operating temperature range from -40°C to +85°C

Applications:

- Servers, networks, phone equipment
- Backlights for display screens & keyboards
- Pulse oximeters, defibrulators, glucometers
- Decorative lighting

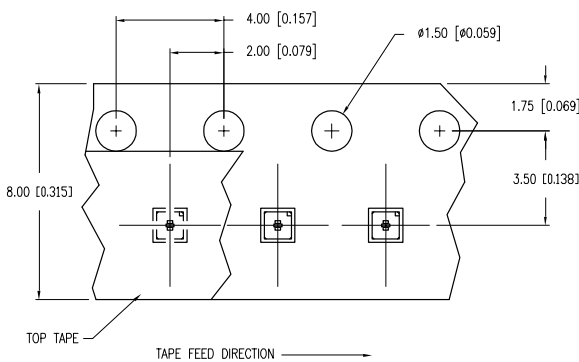
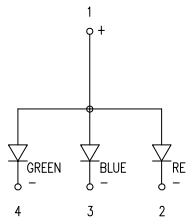
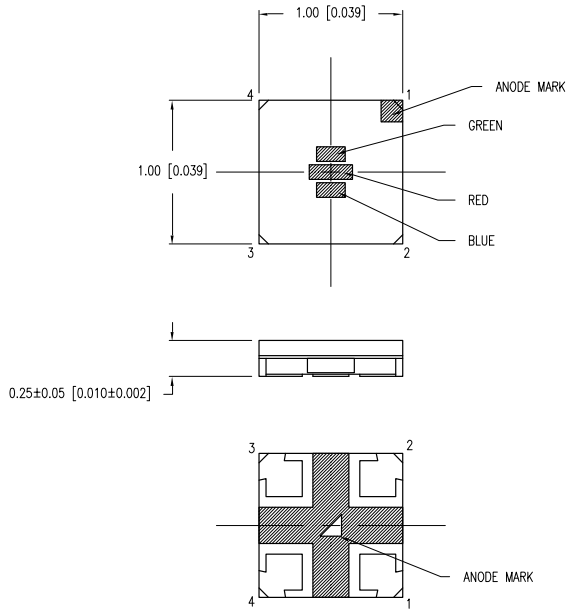
Markets:

- Communications
- Personal Electronics
- Portable Medical Devices
- Backlighting

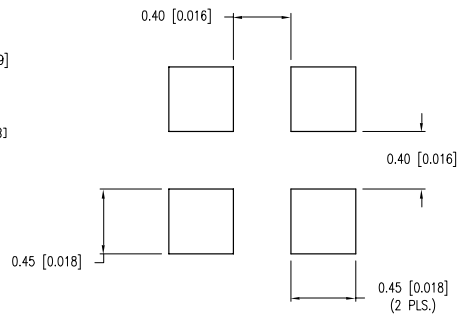
1210 - 0404QBSMDRGB

LUMEX[®]
Creating LED and LCD Solutions Together™

QuasarBrite™ 0404 SMD RGB LED



RECOMMENDED SOLDER PAD LAYOUT



QuasarBrite™ 0404 SMD RGB LED								
PN	Emitted Color	Chip Material	Peak Wavelength (nm)	Lens Type	Min. Vf @ 2mA	Typ mcd @ 2mA	Viewing Angle	
SML-0404SIUPGUSB	Red	AllnGaP	632	Water Clear	1.75	30	120	
	Green	InGaN	518		2.75	40		
	Blue	InGaN	465		2.60	20		

