

QuasarBrite™

SMT 2-High LED PCB Indicators



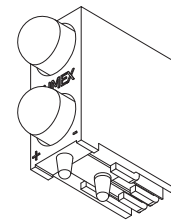
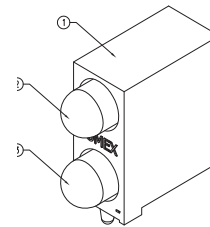
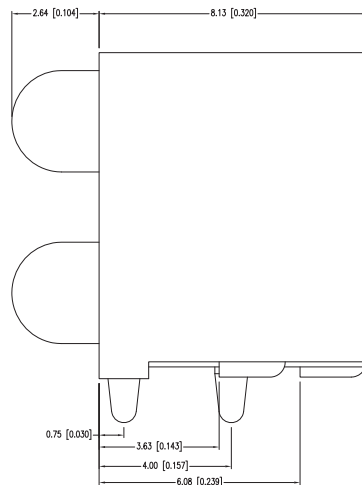
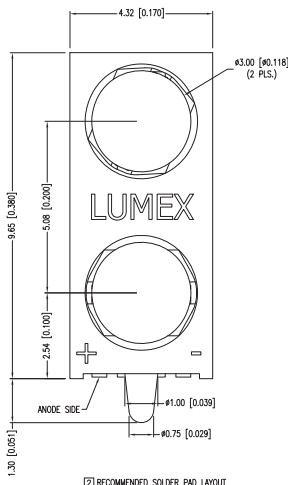
QuasarBrite™ 2-High LED PCB Indicators Combine Superior Light Performance, with Exceptional Unit Cost Savings

| Features: | Benefits: |
|---|--|
| Direct replacement for the through-hole | Industry-standard 2-high |
| Alternative technology | Increased intensity of 50% |
| SMD assembly | Assembly saving of up to 25% |
| Available in SMD 2-high, and right angle LEDs | Unit cost savings of 50% or more (depending on volume) |
| Available in tape reel packaging | Production line time savings |
| Available in all standard color combinations | Available in single color and dual color |

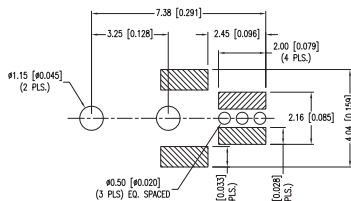
QuasarBrite™ SMT 2-High LED PCB Indicators

QuasarBrite™ SMF-LX240 Series

| PN | Emitted Color | Chip Material | Brightness Level | Peak Wavelength (nm) | Lens Type | Typ. Vf | I _f (mA) | Typ. Intensity Output @ 20mA |
|-----------------|----------------|---------------|------------------|----------------------|----------------|---------|---------------------|------------------------------|
| SMF-LX240IID-TR | Top - Red | GaAsP | Standard | 635 | Red Diffused | 2.0 | 20 | 30 |
| | Bottom - Red | GaAsP | Standard | 635 | Red Diffused | 2.0 | 20 | 30 |
| SMF-LX240GGD-TR | Top Green | GaP | Standard | 565 | Green Diffused | 2.2 | 20 | 30 |
| | Bottom - Green | GaP | Standard | 565 | Green Diffused | 2.2 | 20 | 30 |
| SMF-LX240IGD-TR | Top - Red | GaAsP | Standard | 635 | Red Diffused | 2.0 | 20 | 30 |
| | Bottom - Green | GaP | Standard | 565 | Green Diffused | 2.2 | 20 | 30 |



RECOMMENDED SOLDER PAD LAYOUT



QuasarBrite™ SMT 2-High LED PCB Indicators

The QuasarBrite™ SMT 2-High LED PCB Indicators serve in the Telecommunications and Industrial Controls markets.

| Markets: | Applications: |
|---------------------|-----------------|
| Telecommunications | Routers |
| Industrial Controls | Server Networks |

