

# QuasarBrite™

## SMT 2-High LED PCB Indicators



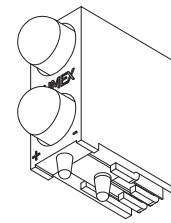
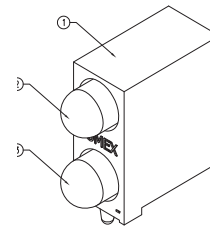
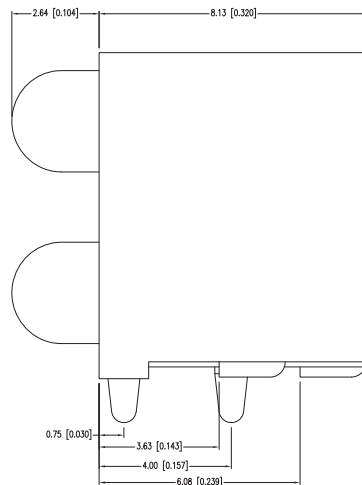
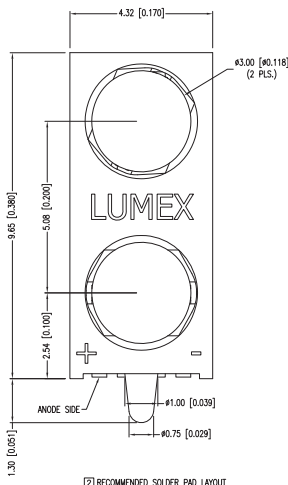
**QuasarBrite™ 2-High LED PCB Indicators Combine Superior Light Performance, with Exceptional Unit Cost Savings**

| <b>Features:</b>                              | <b>Benefits:</b>                                       |
|---|--|
| 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               |

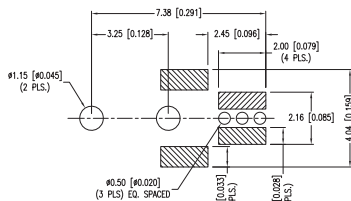
# QuasarBrite™ SMT 2-High LED PCB Indicators

## QuasarBrite™ SMF-LX240 Series

| PN              | Emitted Color  | Chip Material | Brightness Level | Peak Wavelength (nm) | Lens Type      | Typ. Vf | I <sub>f</sub> (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 |

