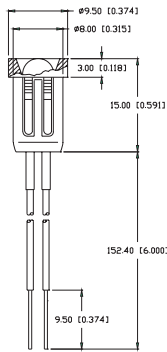


# LED Indicators ~ Panel ~ Dome Lens



## SSI-LXR5020XD-150 Series

## T-5mm Black Panel Indicator, Flush LED



PANEL CUTOUT: 8.05mm  
 PANEL THICKNESS: 0.6 - 2.8mm  
 TERMINATION: 6" 24 AWG Leads

### FEATURES / OPTIONS

- ▶ State-of-the-Art, High Brightness LED Chip Technology
- ▶ Choice of LED Colors and Lens Finishes
- ▶ Bi-Color Styles Optional
- ▶ Insulated Lead Lengths Optional
- ▶ Easy Two-Step Installation, Rear and Front of Panel
- ▶ Small Volumes Acceptable
- ▶ Available Without Insulated Leads (Bare LED Pins)
- ▶ Blinking LED
- ▶ With Internal Resistor for 5V and 12V Operation
- ▶ With Connector

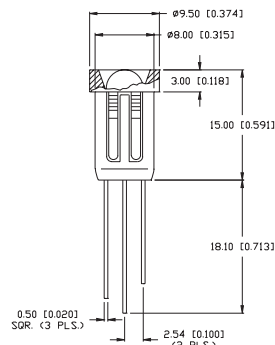
### APPLICATIONS / USES

- ▶ Front Panel Status Indicators
- ▶ Alarm/Warning Indicators
- ▶ Front Panel Circuit Fault Indicators
- ▶ Instrument Control Panels
- ▶ Medical Diagnostics Indicators
- ▶ Industrial Automation Control Panels

| Lumex Part Number          | Die Material | Emitted Color            | Peak (nm) | Lens            | Operating Current (mA) | Operating TYP. Vf (V) | Brightness TYP. Mcd | @ mA | View Angle° 2θ | Component LED Used |
|----------------------------|--------------|--------------------------|-----------|-----------------|------------------------|-----------------------|---------------------|------|----------------|--------------------|
| <b>HIGH BRIGHTNESS</b>     |              |                          |           |                 |                        |                       |                     |      |                |                    |
| SSI-LXR5020SID-150         | AlInGaP      | Super High Intensity Red | 636       | Red Diffused    | 5-25                   | 2                     | 700                 | 20   | 60             | SSL-LX5093SID      |
| SSI-LXR5020SOD-150         | AlInGaP      | Super Orange             | 610       | Orange Diffused | 5-25                   | 2                     | 850                 | 20   | 60             | SSL-LX5093SOD      |
| SSI-LXR5020SUGD150         | AlInGaP      | Super Ultra Green        | 574       | Green Diffused  | 5-25                   | 2.2                   | 170                 | 20   | 60             | SSL-LX5093SUGD     |
| SSI-LXR5020SYD-150         | AlInGaP      | Super Yellow             | 590       | Yellow Diffused | 5-25                   | 2                     | 300                 | 20   | 60             | SSL-LX5093SYD      |
| SSI-LXR5020USBD150         | InGaN/SiC    | Ultra Super Blue         | 470       | Blue Diffused   | 5-25                   | 3.5                   | 300                 | 20   | 60             | SSL-LX5093USBD     |
| SSI-LXR5020UWW-150         | InGaN/SiC    | Ultra White              | -         | White Diffused  | 5-25                   | 3.5                   | 650                 | 20   | 30             | SSL-LX5093UWW      |
| <b>STANDARD BRIGHTNESS</b> |              |                          |           |                 |                        |                       |                     |      |                |                    |
| SSI-LXR5020GD-150          | GaP          | Green                    | 565       | Green Diffused  | 5-25                   | 2.2                   | 30                  | 20   | 60             | SSL-LX5093GD       |
| SSI-LXR5020ID-150          | GaAsP        | High Intensity Red       | 635       | Red Diffused    | 5-25                   | 2.0                   | 30                  | 20   | 60             | SSL-LX5093ID       |
| SSI-LXR5020SRD-150         | GaAlAs       | Super Red                | 660       | Red Diffused    | 5-25                   | 1.8                   | 250                 | 20   | 60             | SSL-LX5093SRD      |
| SSI-LXR5020YD-150          | GaAsP        | Yellow                   | 585       | Yellow Diffused | 5-25                   | 2.1                   | 30                  | 20   | 60             | SSL-LX5093YD       |

## SSI-LXR5020XX-3

## T-5mm Black Panel Indicator, 3-Leaded Flush LED



PANEL CUTOUT: 8.05mm  
 PANEL THICKNESS: 0.6 - 2.8mm

### FEATURES / OPTIONS

- ▶ State-of-the-Art, High Brightness LED Chip Technology
- ▶ Choice of LED Colors and Lens Finishes
- ▶ Bi-Color Styles Optional
- ▶ Insulated Lead Lengths Optional
- ▶ Easy Two-Step Installation, Rear and Front of Panel
- ▶ Small Volumes Acceptable
- ▶ Wire Leads Termination
- ▶ Blinking LED
- ▶ With Internal Resistor for 5V and 12V Operation
- ▶ With Connector
- ▶ Common Anode Version

### APPLICATIONS / USES

- ▶ Front Panel Status Indicators
- ▶ Alarm/Warning Indicators
- ▶ Front Panel Circuit Fault Indicators
- ▶ Instrument Control Panels
- ▶ Medical Diagnostics Indicators
- ▶ Industrial Automation Control Panels

| Lumex Part Number  | Die Material | Emitted Color            | Peak (nm) | Lens        | Operating Current (mA) | Operating TYP. Vf (V) | Brightness TYP. Mcd | @ mA | View Angle° 2θ | Component LED Used |
|--------------------|--------------|--------------------------|-----------|-------------|------------------------|-----------------------|---------------------|------|----------------|--------------------|
| SSI-LXR5020IGW-3   | GaAsP        | High Intensity Red       | 635       | Milky White | 5-25                   | 2.0                   | 45                  | 20   | 60             | SSL-LX5099IGW      |
|                    | GaP          | Green                    | 565       | Diffused    | 5-25                   | 2.2                   | 55                  | 20   |                |                    |
| SSI-LXR5020IYW-3   | GaAsP        | High Intensity Red       | 635       | Milky White | 5-25                   | 2.0                   | 55                  | 20   | 60             | SSL-LX5099IYW      |
|                    | GaAsP        | Yellow                   | 585       | Diffused    | 5-25                   | 2.1                   | 40                  | 20   |                |                    |
| SSI-LXR5020SISUGW3 | AlInGaP      | Super High Intensity Red | 636       | Milky White | 5-25                   | 2                     | 700                 | 20   | 60             | SSL-LX5099SISUGW   |
|                    | AlInGaP      | Super Ultra Green        | 574       | Diffused    | 5-25                   | 2.2                   | 200                 | 20   |                |                    |
| SSI-LXR5020SISYW-3 | AlInGaP      | Super High Intensity Red | 636       | Milky White | 5-25                   | 2                     | 800                 | 20   | 60             | SSL-LX5099SISYW    |
|                    | AlInGaP      | Super Yellow             | 590       | Diffused    | 5-25                   | 2                     | 400                 | 20   |                |                    |
| SSI-LXR5020SRSGW-3 | GaAlAs       | Super Red                | 660       | Milky White | 5-25                   | 1.7                   | 200                 | 20   | 60             | SSL-LX5099SRSGW    |
|                    | GaP          | Super Green              | 565       | Diffused    | 5-25                   | 2.2                   | 60                  | 20   |                |                    |
| SSI-LXR5020SYSUGW3 | AlInGaP      | Super Yellow             | 590       | Milky White | 5-25                   | 2                     | 400                 | 20   | 60             | SSL-LX5099SYSUGW   |
|                    | AlInGaP      | Super Ultra Green        | 574       | Diffused    | 5-25                   | 2.2                   | 200                 | 20   |                |                    |
| SSI-LXR5020YGW-3   | GaAsP        | Yellow                   | 585       | Milky White | 5-25                   | 2.1                   | 40                  | 20   | 60             | SSL-LX5099YGW      |
|                    | GaP          | Green                    | 565       | Diffused    | 5-25                   | 2.2                   | 45                  | 20   |                |                    |



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