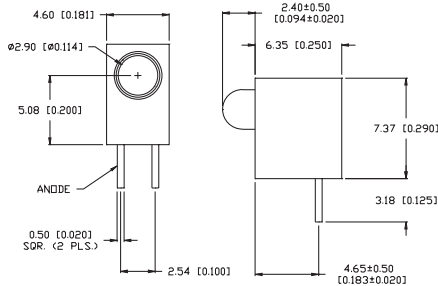


# LED Indicators ~ PCB ~ Dome Lens



## SSF-LXH103 Series

## T-3mm Single Level, LED Center 0.2" from PCB



### FEATURES / OPTIONS

- ▶ State-of-the-Art, Chip Technology
- ▶ Easy Drop-In Board Installation
- ▶ Right Angle to the Board Position
- ▶ Choice of Colors and Lens Finishes
- ▶ Low Current Versions Available
- ▶ Color or Intensity Sorting Available
- ▶ Popular Style, Fast Delivery
- ▶ Blinking LED
- ▶ With Internal Resistor for 5V and 12V Operation
- ▶ Black or Gray Holders for High Contrast

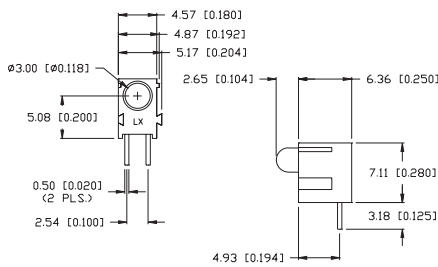
### APPLICATIONS / USES

- ▶ Board Level Status Indicators
- ▶ Board Level Fault Indicators
- ▶ Circuit Troubleshooting Indicators
- ▶ Warning/Alarm Lights
- ▶ Backlighting of Overlays
- ▶ Post Lighting Switches and Keypads

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>										
SSF-LXH103SID	AlInGaP	Super High Intensity Red	636	Red Diffused	5-25	2	100	20	60	SSL-LX3044SID
SSF-LXH103SOD	AlInGaP	Super Orange	610	Orange Diffused	5-25	2	100	20	60	SSL-LX3044SOD
SSF-LXH103SUGD	AlInGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	60	20	60	SSL-LX3044SUGD
SSF-LXH103SYD	AlInGaP	Super Yellow	590	Yellow Diffused	5-25	2	100	20	60	SSL-LX3044SYD
SSF-LXH103USBD	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	200	20	60	SSL-LX3044USBD
SSF-LXH103UWW	InGaN/SiC	Ultra White	-	White Diffused	5-25	3.5	500	20	30	SSL-LX3044UWW
<b>STANDARD BRIGHTNESS</b>										
SSF-LXH103GD	GaP	Green	565	Green Diffused	5-25	2.2	40	20	60	SSL-LX3044GD
SSF-LXH103ID	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	50	20	60	SSL-LX3044ID
SSF-LXH103SRD	GaAlAs	Super Red	660	Red Diffused	5-25	1.7	80	20	60	SSL-LX3044SRD
SSF-LXH103YD	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	40	20	60	SSL-LX3044YD

## SSF-LXHM107 Series

## T-3mm Single Level Mating, LED Center 0.2" from PCB



### FEATURES / OPTIONS

- ▶ State-of-the-Art, Chip Technology
- ▶ Easy Drop-In Board Installation
- ▶ Right Angle to the Board Position
- ▶ Choice of Colors and Lens Finishes
- ▶ Low Current Versions Available
- ▶ Color or Intensity Sorting Available
- ▶ Mating Holder
- ▶ Blinking LED
- ▶ With Internal Resistor for 5V and 12V Operation
- ▶ Black or Gray Holders for High Contrast
- ▶ Color Combinations
- ▶ Mating Feature Allows for Multiple Position

### APPLICATIONS / USES

- ▶ Board Level Status Indicators
- ▶ Board Level Fault Indicators
- ▶ Circuit Troubleshooting Indicators
- ▶ Warning/Alarm Lights
- ▶ Backlighting of Overlays
- ▶ Post Lighting Switches and Keypads

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>										
SSF-LXHM107SID	AlInGaP	Super High Intensity Red	636	Red Diffused	5-25	2	100	20	60	SSL-LX3044SID
SSF-LXHM107SOD	AlInGaP	Super Orange	610	Orange Diffused	5-25	2	100	20	60	SSL-LX3044SOD
SSF-LXHM107SUGD	AlInGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	60	20	60	SSL-LX3044SUGD
SSF-LXHM107SYD	AlInGaP	Super Yellow	590	Yellow Diffused	5-25	2	100	20	60	SSL-LX3044SYD
SSF-LXHM107USBD	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	200	20	60	SSL-LX3044USBD
SSF-LXHM107UWW	InGaN/SiC	Ultra White	-	White Diffused	5-25	3.5	500	20	30	SSL-LX3044UWW



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