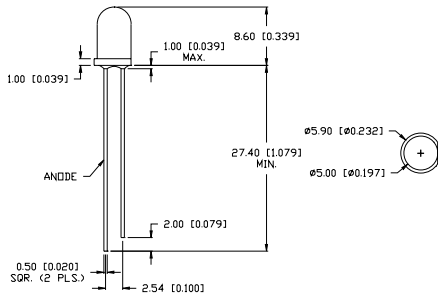


Discrete LEDs ~ Dome Lens



SSL-LX5093B Series

T-5mm Dome, Blinking



FEATURES / OPTIONS

- ▶ State-of-the-Art, High Brightness Chip Technology
- ▶ Choice of Colors and Lens Finishes
- ▶ Lead Frame / Lens Casting Reliability
- ▶ Easy-to-Solder Leads, Tin Finish
- ▶ Available Bulk or on Tape and Reel
- ▶ Lead Trimming and Forming Available
- ▶ Custom Shapes, Easily Tooled, Low Minimum
- ▶ Blinking LED
- ▶ With Internal Resistor for 5V and 12V Operation

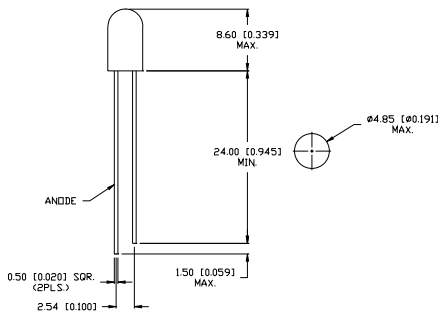
APPLICATIONS / USES

- ▶ Board or Panel Indication or Illumination
- ▶ Backlighting of Overlays and Graphics
- ▶ Annunciator and Control Panels
- ▶ Keyboards and Switches
- ▶ Telecom Switches and Central Station Equipment
- ▶ Signs, Warning Lights, Displays

Lumex Part Number	Die Material	Emitted Color	Peak (nm)	Lens	Operating Current (mA)	Operating TYP. Vf (V)	Brightness TYP. Mcd	@ mA	View Angle° 2θ
HIGH BRIGHTNESS									
SSL-LX5093BGD	GaP	Green	565	Green Diffused	5-70	9	8	20	60
SSL-LX5093BHD	GaP	High Efficiency Red	700	Red Diffused	5-70	9	4	20	60
SSL-LX5093BID	GaAsP	High Intensity Red	635	Red Diffused	5-70	9	8	20	60
SSL-LX5093BSRD	GaAlAs	Super Red	660	Red Diffused	5-70	9	40	20	60
SSL-LX5093BYD	GaAsP	Yellow	585	Yellow Diffused	5-70	9	8	20	60

SSL-LX509F3 Series

T-5mm Dome, Flangeless



FEATURES / OPTIONS

- ▶ State-of-the-Art, High Brightness Chip Technology
- ▶ Choice of Colors and Lens Finishes
- ▶ Lead Frame / Lens Casting Reliability
- ▶ Easy-to-Solder Leads, Tin Finish
- ▶ Available Bulk or on Tape and Reel
- ▶ Lead Trimming and Forming Available
- ▶ Custom Shapes, Easily Tooled, Low Minimum
- ▶ Blinking LED
- ▶ With Internal Resistor for 5V and 12V Operation

APPLICATIONS / USES

- ▶ Board or Panel Indication or Illumination
- ▶ Backlighting of Overlays and Graphics
- ▶ Annunciator and Control Panels
- ▶ Keyboards and Switches
- ▶ Telecom Switches and Central Station Equipment
- ▶ Signs, Warning Lights, Displays

Lumex Part Number	Die Material	Emitted Color	Peak (nm)	Lens	Operating Current (mA)	Operating TYP. Vf (V)	Brightness TYP. Mcd	@ mA	View Angle° 2θ
HIGH BRIGHTNESS									
SSL-LX509F3SID	AlInGaP	Super High Intensity Red	636	Red Diffused	5-25	2	700	20	60
SSL-LX509F3SOD	AlInGaP	Super Orange	610	Orange Diffused	5-25	2	800	20	60
SSL-LX509F3SUGD	AlInGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	170	20	60
SSL-LX509F3SYD	AlInGaP	Super Yellow	590	Yellow Diffused	5-25	2	400	20	60
SSL-LX509F3USBD	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	300	20	60
STANDARD BRIGHTNESS									
SSL-LX509F3AD	GaAsP	Amber	605	Amber Diffused	5-25	2	30	20	60
SSL-LX509F3GD	GaP	Green	565	Green Diffused	5-25	2.2	30	20	60
SSL-LX509F3HD	GaP	High Efficiency Red	700	Red Diffused	5-25	2.1	10	20	60
SSL-LX509F3ID	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	30	20	60
SSL-LX509F3SGD	GaP	Super Green	565	Green Diffused	5-25	2.2	40	20	60
SSL-LX509F3SRD/D	GaAlAs	Super Red	660	Red Diffused	5-25	1.7	250	20	60
SSL-LX509F3YD	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	30	20	60



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