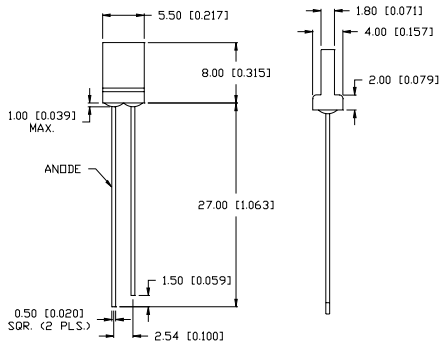


Discrete LEDs ~ Rectangular & Square



SSL-LX2583 Series

2x5.5mm Rectangular



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

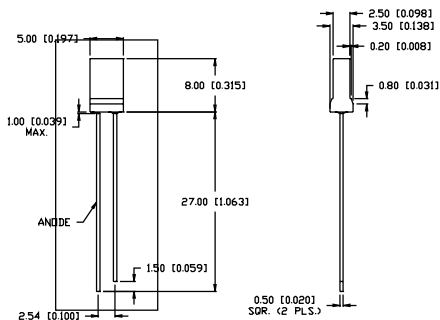
APPLICATIONS / USES

- ▶ 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-LX2583SID	AlInGaP	Super High Intensity Red	636	Red Diffused	5-25	2	60	20	80
SSL-LX2583SOD	AlInGaP	Super Orange	610	Orange Diffused	5-25	2	60	20	80
SSL-LX2583SUGD	AlInGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	80	20	80
SSL-LX2583SYD	AlInGaP	Super Yellow	590	Yellow Diffused	5-25	2	80	20	80
SSL-LX2583USBD	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	80	20	80
STANDARD BRIGHTNESS									
SSL-LX2583GD	GaP	Green	565	Green Diffused	5-25	2.2	20	20	80
SSL-LX2583HD	GaP	High Efficiency Red	700	Red Diffused	5-25	2.0	6	20	80
SSL-LX2583ID	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	15	20	80
SSL-LX2583YD	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	20	20	80

SSL-LX25583 Series

2.5x5mm w/Shoulder



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
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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-LX25583SID	AlInGaP	Super High Intensity Red	636	Red Diffused	5-25	2	200	20	110
SSL-LX25583SOD	AlInGaP	Super Orange	610	Orange Diffused	5-25	2	200	20	110
SSL-LX25583SUGD	AlInGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	20	20	110
SSL-LX25583SYD	AlInGaP	Super Yellow	590	Yellow Diffused	5-25	2	100	20	110
SSL-LX25583USBD	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	70	20	110
STANDARD BRIGHTNESS									
SSL-LX25583GD	GaP	Green	565	Green Diffused	5-25	2.2	10	20	110
SSL-LX25583HD	GaP	High Efficiency Red	700	Red Diffused	5-25	2	6	20	110
SSL-LX25583ID	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	15	20	110
SSL-LX25583SRD	GaAlAs	Super Red	660	Red Diffused	5-25	1.7	50	20	110
SSL-LX25583YD	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	10	20	110



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