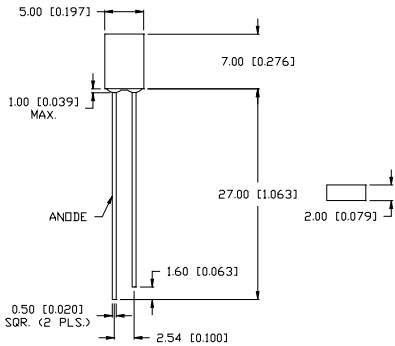


# Discrete LEDs ~ Rectangular & Square



## SSL-LX2573 Series

## 2x5mm 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

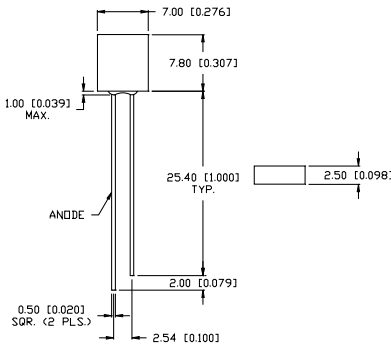
### APPLICATIONS / USES

- ▶ 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
<b>HIGH BRIGHTNESS</b>									
SSL-LX2573SID	AlInGaP	Super High Intensity Red	636	Red Diffused	5-25	2	100	20	110
SSL-LX2573SOD	AlInGaP	Super Orange	610	Orange Diffused	5-25	2	100	20	110
SSL-LX2573SUGD	AlInGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	65	20	110
SSL-LX2573SYD	AlInGaP	Super Yellow	590	Yellow Diffused	5-25	2	100	20	110
SSL-LX2573USBD	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	80	20	110
<b>STANDARD BRIGHTNESS</b>									
SSL-LX2573AD	GaAsP	Amber	605	Amber Diffused	5-25	2.1	5	20	110
SSL-LX2573GD	GaP	Green	565	Green Diffused	5-25	2.2	10	20	110
SSL-LX2573HD	GaP	High Efficiency Red	700	Red Diffused	5-25	2	3	20	110
SSL-LX2573ID	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	10	20	110
SSL-LX2573OD	GaAsP	Orange	630	Orange Diffused	5-25	2.1	15	20	110
SSL-LX2573PGD	GaP	Pure Green	555	Green Diffused	5-25	2.1	6	20	110
SSL-LX2573SGD	GaP	Super Green	565	Green Diffused	5-25	2.2	12	20	110
SSL-LX2573SRD	GaAlAs	Super Red	660	Red Diffused	5-25	1.7	80	20	110
SSL-LX2573YD	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	10	20	110

## SSL-LX25783 Series

## 2.5x7mm 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
<b>HIGH BRIGHTNESS</b>									
SSL-LX25783SID	AlInGaP	Super High Intensity Red	636	Red Diffused	5-25	2	70	20	110
SSL-LX25783SOD	AlInGaP	Super Orange	610	Orange Diffused	5-25	2	70	20	110
SSL-LX25783SUGD	AlInGaP	Super Ultra Green	574	Green Diffused	5-25	2.2	40	20	110
SSL-LX25783SYD	AlInGaP	Super Yellow	590	Yellow Diffused	5-25	2	70	20	110
SSL-LX25783USBD	InGaN/SiC	Ultra Super Blue	470	Blue Diffused	5-25	3.5	50	20	110
<b>STANDARD BRIGHTNESS</b>									
SSL-LX25783GD	GaP	Green	565	Green Diffused	5-25	2.2	9	20	110
SSL-LX25783ID	GaAsP	High Intensity Red	635	Red Diffused	5-25	2	9	20	110
SSL-LX25783SGD	GaP	Super Green	565	Green Diffused	5-25	2.2	35	20	110
SSL-LX25783SRD	GaAlAs	Super Red	660	Red Diffused	5-25	1.8	50	20	110
SSL-LX25783YD	GaAsP	Yellow	585	Yellow Diffused	5-25	2.1	9	20	110



USA/Canada 1-800-278-5666  
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