

T-41-21

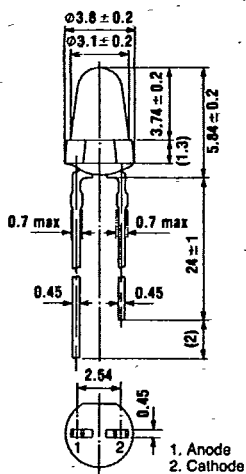
**FAMILY SERIES**  
**T-1 SIZE**

**SSL-LX30255SXX**  
**SUPER BRIGHT LEDS**

- VERY HIGH LIGHT-OUTPUT
- FAST RESPONSE; PULSE DRIVE
- LONG LIFE, SOLID STATE
- HIGH ON-OFF CONTRAST RATIO
- AVAILABLE IN THREE COLORS
- TIN-DIPPED LEADS

**PACKAGE DIMENSIONS**

(Dimensions in Millimeters)



**WHERE AND HOW TO USE THIS SERIES**

- FRONT PANEL INDICATORS
- P.C. BOARD CIRCUITS
- BACKLIGHTING

Limits of Safe Operation (at 25°C)			
Color	Power Dissip.	Power Derating Over +25°C/°C	Continuous IF Max.
Super Red	55 mW	- 1.3 mW	25 mA
Super Green	70 mW	- 1.6 mW	25 mA
Super Yellow	70 mW	- 1.6 mW	25 mA
Reverse Voltage 4.0V max.			
Storage and Operating Temperature - 25 to + 85°C			
Soldering Time @ 230°C 5 Sec. Max.			

**PART SELECTION AND APPLICATION INFORMATION (RATINGS AT 25°C AMBIENT)**

Lumex Part Number	Use Code	Light Color (Wave Length)	Epoxy Lens Color	Avg Brightness At 20 mA (IF)	Viewing Angle	Forward Volts At 20 mA	Reverse Current @ 4V VR
SSL-LX30255SRD	A,B	660 NM	Red Diff.	40 MCD	65°	1.7 Typ. 2.2 Max.	100µA
SSL-LX30255SRT	C,D	660 NM	Red Transp.	80 MCD	25°	1.7 Typ. 2.2 Max.	100µA
SSL-LX30255SGD	A,B	565 NM	Green Diff.	40 MCD	65°	2.1 Typ. 2.8 Max.	5µA
SSL-LX30255SGT	C,D	565 NM	Green Transp.	80 MCD	25°	2.1 Typ. 2.8 Max.	5µA
SSL-LX30255SYD	A,B	585 NM	Yellow Diff.	40 MCD	65°	2.1 Typ. 2.8 Max.	100µA
SSL-LX30255SYT	C,D	585 NM	Yellow Transp.	80 MCD	25°	2.1 Typ. 2.8 Max.	100µA

Use Code (A) Front Panels (B) Fault Indicator (C) Backlighting (D) Bright Point or Spot