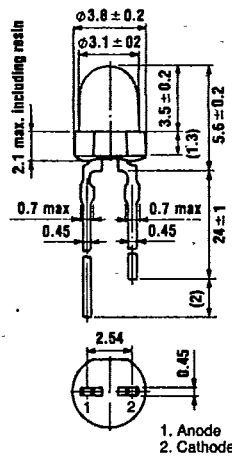


FAMILY SERIES
T-1 SIZE

SSL-LX3055SXX
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-LX3055SRD	A,B	660 NM	Red Diff.	30 MCD	70°	1.7 Typ. 2.2 Max.	100µA
SSL-LX3055SRT	C,D	660 NM	Red Transp.	60 MCD	30°	1.7 Typ. 2.2 Max.	100µA
SSL-LX3055SGD	A,B	565 NM	Green Diff.	30 MCD	70°	2.1 Typ. 2.8 Max.	5µA
SSL-LX3055SGT	C,D	565 NM	Green Transp.	60 MCD	30°	2.1 Typ. 2.8 Max.	5µA
SSL-LX3055SYD	A,B	585 NM	Yellow Diff.	30 MCD	70°	2.1 Typ. 2.8 Max.	100µA
SSL-LX3055SYT	C,D	585 NM	Yellow Transp.	60 MCD	30°	2.1 Typ. 2.8 Max.	100µA

NOTE: Red colors are standard items
Green and Yellow are made only as specials

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