

T-41-21

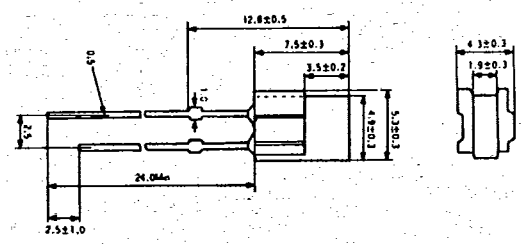
**FAMILY SERIES**

**SSL-LX25573XX**

**MAIN FEATURES**

- RECTANGULAR FLAT LENS
- EVENLY LIGHTED LENS
- LONG LEADS 1" MIN.
- X, Y MATTING BODY
- FOUR COLORS
- LOW OPERATING POWER
- MATES TO FORM ARRAYS

**PACKAGE DIMENSIONS**  
(Dimensions in Millimeters)



**WHERE AND HOW TO USE THIS SERIES**

- FRONT PANEL INDICATORS
- LIGHTED SWITCHES AND KEYBOARDS
- FAULT INDICATORS ON P.C. BOARD

Limits of Safe Operation (at 25°C)			
Color	Power Dissip.	Power Derating Over +25°C/°C	Continuous IF Max.
Red	160 mW	- 1.4 mW	70 mA
Br-Red	110 mW	- 1.2 mW	35 mA
Green	110 mW	- 1.2 mW	40 mA
Yellow	110 mW	- 1.2 mW	35 mA
Orange	110 mW	- 1.2 mW	35 mA
Peak Forward Current (1µs Pulse .03% Duty Cycle) 1.0 A			
Storage and Operating Temperature - 55 to +100°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 Volts At 100 µA
SSL-LX25573HD	A,B	Red (695NM)	Red Diffused	4.0 MCD	100°	2.0 Typ. 2.8 Max	5.0 BVR Min.
SSL-LX25573ID	A,B	Br Red (635NM)	Red Diffused	12.0 MCD	100°	2.0 Typ. 2.8 Max	5.0 BVR Min.
SSL-LX25573GD	A,B	Green (565NM)	Green Diffused	6.0 MCD	100°	2.1 Typ. 2.8 Max.	5.0 BVR Min.
SSL-LX25573YD	A,B	Yellow (585NM)	Yellow Diffused	6.0 MCD	100°	2.1 Typ. 2.8 Max.	5.0 BVR Min.

Use Code (A) Front Panels (B) Fault Indicator (C) Backlighting (D) Bright Point or Spot  
See page 6 for typical operating curves