

LUMEX-Lites®

FAMILY SERIES

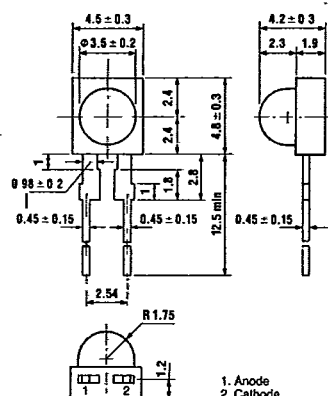
SSF-LX4244XX

MAIN FEATURES

- RIGHT ANGLE FAULT INDICATOR—ONE PIECE CONSTRUCTION
- LOW COST ASSEMBLY—WITHOUT HOUSING
- BUILT-IN STAND-OFF

PACKAGE DIMENSIONS

(Dimensions in Millimeters)



WHERE AND HOW TO USE THIS SERIES

- P.C. BOARD INDICATORS
- CIRCUIT FAULT INDICATORS—P.C. MOUNTABLE
- LOGIC STATUS INDICATORS—P.C. MOUNTABLE

Limits of Safe Operation (at 25°C)

Color	Power Dissip.	Power Derating Over +25°C/°C	Continuous IF Max.
Br-Red (H)	110 mW	- 1.2 mW	35 mA
Or-Red (I)	100 mW	- 1.4 mW	30 mA
Green	100 mW	- 1.4 mW	30 mA
Yellow	100 mW	- 1.4 mW	30 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	Current Rating Per Led	Voltage Rating Per Led	Light Color Each Led	Epoxy Lens Color Each Led	Avg Brightness At 20 mA (IF)	Lumex-Lite Led Used
SSF-LX4244HD	B,A	10-25 mA	2.1-2.8 VDC	Red	Red Diffused	1.0 MCD	N/A
SSF-LX4244HT	B,A	10-25 mA	2.1-2.8 VDC	Red	Red Transparent	2.5 MCD	N/A
SSF-LX4244ID	B,A	10-25 mA	2.1-2.8 VDC	Or-Red	Red Diffused	2.5 MCD	N/A
SSF-LX4244GD	B,A	10-25 mA	2.1-2.8 VDC	Green	Green Diffused	4.0 MCD	N/A
SSF-LX4244YD	B,A	10-25 mA	2.1-2.8 VDC	Yellow	Yellow Diffused	2.5 MCD	N/A



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