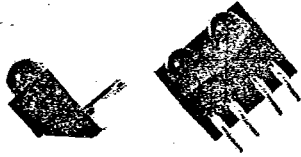




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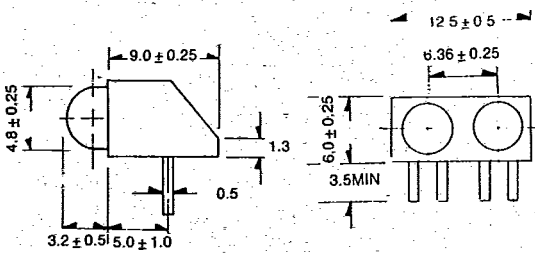


**FAMILY SERIES**  
**MAIN FEATURES**

SSF-LXH2100

- EASY P.C. BOARD INSTALLATIONS
- TWO UNITS IN ONE HOUSING
- WIDE VIEWING ANGLE (80°)
- LOW CURRENT 2mA VERSION
- FOUR COLOR CHOICES
- LOW CURRENT
- DIALCO 550 SERIES EQUIVALENT

**PACKAGE DIMENSIONS**  
(Dimensions in Millimeters)



**HOUSING MATERIAL:**  
Black Nylon UL V94-0

**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.
Red	170 mW	-1.4 mW	50 mA
Br-Red	110 mW	-1.2 mW	35 mA
Green	110 mW	-1.2 mW	35 mA
Yellow	110 mW	-1.2 mW	35 mA
Super Red	55 mW	-1.3 mW	25 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 Each Led	Epoxy Lens Color Each Led	Avg Brightness At 20 mA (IF)	Lumex-Lite Led Used
SSF-LXH2100RD	A,B	10-50 MA (IF)	1.5-2.1 VDC	Red (655NM)	Red Diffused	3.0 MCD	SSL-LX4072RD
SSF-LXH2100ID	A,B	5-35 MA (IF)	1.8-2.8 VDC	Br-Red (635NM)	Red Diffused	10.0 MCD	SSL-LX4072ID
SSF-LXH2100GD	A,B	5-35 MA (IF)	1.8-2.8 VDC	Green (565NM)	Green Diffused	6.0 MCD	SSL-LX4072GD
SSF-LXH2100YD	A,B	5-35 MA (IF)	1.8-2.8 VDC	Yellow (585NM)	Yellow Diffused	6.0 MCD	SSL-LX4072YD
SSF-LXH2100SRD	A,B	2-25 MA (IF)	1.5-1.9 VDC	Super Red (660NM)	Red Diffused	1-16 MCD	SSL-LX4072SRD
SSF-LXH2100ERD	A,B	1- 3 MA (IF)	1.4-1.6 VDC	Super Red (660NM)	Red Diffused	3.5 MCD	SSL-LX4072ERD



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