



LUMEX-Lites®

T-41-21

FAMILY SERIES

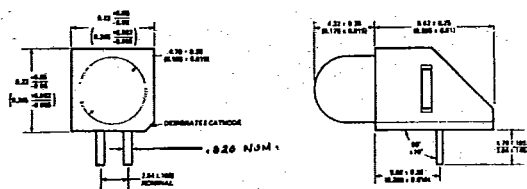
SSF-LXH104XX

SUPER EFFICIENT LEDS

- VERY HIGH LIGHT-OUTPUT @ 2 mA
- FAST RESPONSE
- 5 VDC OPERATION STYLES
- TINNED DIPPED LEADS
- AVAILABLE IN THREE COLORS
- HIGH ON-OFF CONTRAST RATIO

PACKAGE DIMENSIONS

(Dimensions in Millimeters)



WHERE AND HOW TO USE THIS SERIES

- T.T.L. LINE INDICATORS
- STATUS AND FAULT INDICATOR
- P.C. BOARDS

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 2 mA (IF)	Viewing Angle	Forward Volts At 2 mA	Reverse Current @ 4V VR
SSF-LXH104ERD	A,B	660 NM	Red Diff.	10.0 MCD	85°	1.6 Typ.	100µA
SSF-LXH104ERT	C,D	660 NM	Red Transp.	20.0 MCD	40°	1.6 Typ.	100µA
SSF-LXH104EGD	A,B	565 NM	Green Diff.	3.0 MCD	85°	1.9 Typ.	5µA
SSF-LXH104EGT	C,D	565 NM	Green Diff.	6.0 MCD	90°	1.9 Typ.	5µA
SSF-LXH104EYD	A,B	585 NM	Yellow Diff.	3.0 MCD	85°	1.9 Typ.	100µA
SSF-LXH104EYT	C,D	585 NM	Yellow Transp.	6.0 MCD	90°	1.9 Typ.	100µA
SSF-LXH104H5V	B	660 NM	Red Diff.	21.0 MCD	80°	5.0 Typ.*	100µA
SSF-LXH104G5V	B	565 NM	Green Diff.	5.0 MCD	80°	5.0 Typ.*	100µA
SSF-LXH104Y5V	B	585 NM	Yellow Diff.	5.0 MCD	80°	5.0 Typ.*	100µA

*Typical VF @ 15mA IF, Integral Resistor Chip

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

See page 6 for typical operating curves