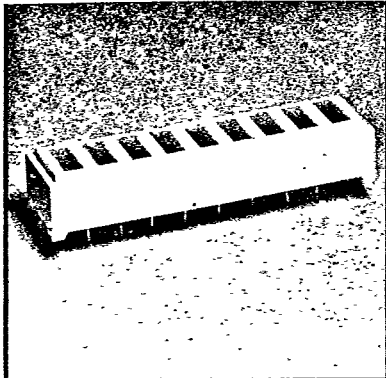


T-41-31



LUMEX-Lites®

FAMILY SERIES

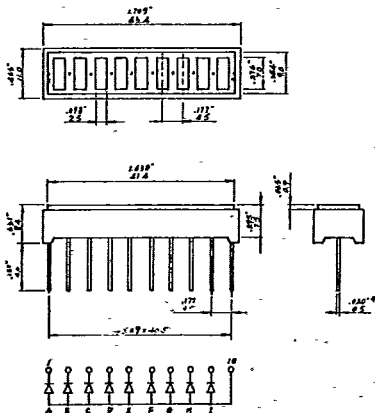
SSA-LXB09XX

MAIN FEATURES

- ARRAY OF INDIVIDUALLY DRIVEN LEDS
- EASILY SEEN LARGE LEDS
- MATCHED UNITS FOR COLOR AND INTENSITY
- NINE UNIT ARRAY
- FIVE COLORS AVAILABLE
- ONE PIN COMMON ANODE

PACKAGE DIMENSIONS

(Dimensions in Millimeters)



WHERE AND HOW TO USE THIS SERIES

- INSTRUMENTATION
- INDUSTRIAL CONTROLS
- COMPUTERS
- MUSICAL EQUIPMENT
- AUDIO EQUIPMENT
- RANGE INDICATORS
- STEP INDICATORS

Limits of Safe Operation (at 25°C) Per Chip

Color	Power Dissip.	Power Derating Over +25°C/°C	Continuous IF Max.
Red	65 mW	- 1.6 mW	150 mA
Dk-Red	85 mW	- 1.4 mW	60 mA
Green	85 mW	- 1.4 mW	60 mA
Yellow	85 mW	- 1.4 mW	60 mA
Orange	85 mW	- 1.4 mW	60 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	Light Color (Wave Length)	Lens Color	Intensity (Flux) @ 20 mA Ea. Segment	@ 20 mA (IF) Forward Volts	Reverse Volts @ 100 mA
SSA-LXB09RW	(655NM)	White Diffused	2.5 MCD	1.7 Typ. 2.1 Max.	3.0 BVR Min.
SSA-LXB09HW	(700NM)	White Diffused	2.5 MCD @ 10 mA	2.1 Typ. 2.7 Max.	5.0 BVR Min.
SSA-LXB09GW	(565NM)	White Diffused	3.5 MCD	2.1 Typ. 2.7 Max.	5.0 BVR Min.
SSA-LXB09YW	(585NM)	White Diffused	3.5 MCD	2.1 Typ. 2.7 Max.	5.0 BVR Min.
SSA-LXB09IW	(630NM)	White Diffused	7.0 MCD	2.1 Typ. 2.7 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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[SSA-LXB09IW](#)