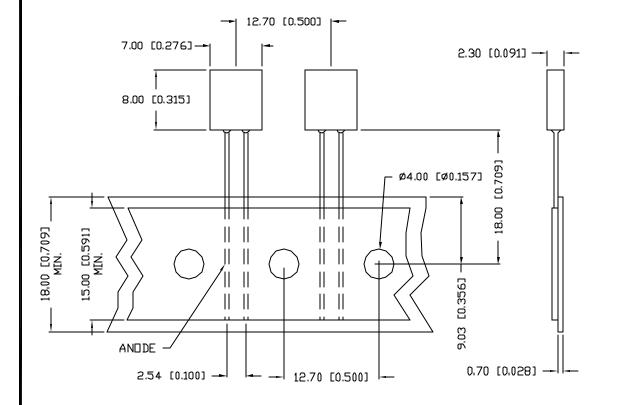
## SSL-LX25783SBD/ATR



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA						
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		430		nm		
FORWARD VOLTAGE		4.5	5,5	$V_f$		
REVERSE VOLTAGE	5.0			$V_{r}$	I <sub>r</sub> =100μΑ	
AXIAL INTENSITY		3		mcd	$I_f = 20 \text{mA}$	
VIEWING ANGLE		110		2x theta		
EMITTED COLOR:	BLUE					
EPOXY LENS FINISH:	BLUE D	IFFUSED				

LIMITS	$\Delta \Gamma$	CAFE	OPERATION	ΑТ	יוביר	DED	DIE
I IMIL	()F	SAFF	CHERAIUN	ΑI	/a L	PFK	IJF

PARAMETER	MAX	UNITS
PEAK FÖRWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	98	mW
DERATE FROM 25°C	- 1.2	mW/⁺C
OPERATING, STORAGE TEMP.	- 20 TO +85	•c
SOLDERING TEMP.	+ 260	•c
2.0mm FROM BODY		3 SEC. MAX

\* t<10µS

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



UNCONTROLLED DOCUMENT

PART NUMBER
SSL-LX25783SBD/ATR

2.3mm x 8mm RECTANGULAR LED, SUPER BLUE DIFFUSED, TAPE AND REEL. CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX NO. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INIC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISOLOGISURE AND DISSEMINATION TO ALL THIRD PARTIES.

RELIABLITY NOTE
OUR NAMY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT
SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE.
PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
U\$ WEB: www.lumex.com
TW WEB: www.lumex.com.tw

DRAWN BY: CHECKED BY: APPROVED BY: DATE: 7.15.96
PAGE: 1 OF 1
JC SCALE: N/A

## **Mouser Electronics**

**Authorized Distributor** 

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

Lumex:

SSL-LX25783SBD/ATR