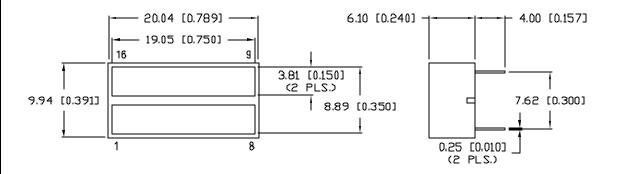
#### UNCONTROLLED DOCUMENT

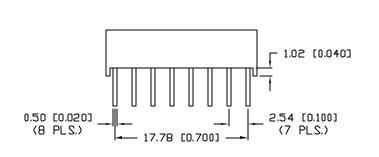
## PART NUMBER

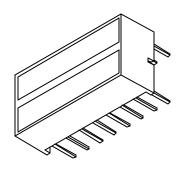
#### REV.

### SSB-LXF100USBD



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA						
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		470		nm		
FORWARD VOLTAGE		3.5	4_0	$v_f$		
REVERSE VOLTAGE	5.0			$V_{r}$	I <sub>r</sub> =100μΑ	
AXIAL INTENSITY		70		mcd	$I_f = 20 \text{mA}$	
VIEWING ANGLE		110		2x theta		
EMITTED COLOR:	BLUE					
EPOXY LENS FINISH:	BLUE DIF	FUSED				





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

LIMITS OF	SAFE	OPERATION	ΑT	25°C	PER	DIE
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PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	98	mW
DERATE FROM 25°C	<b>- 1.2</b>	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	°C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY		3 SEC. MAX
T		

<sup>\*</sup> t<10µS

### UNCONTROLLED DOCUMENT

\*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 (±0.000). MIN= +DECINAL PRECISION MAX.= +0.00 (±0.000).

REV.

PART NUMBER
SSB-LXF100USBD

20 x 10mm DUAL WINDOW LIGHT BAR, 470nm ULTRA SUPER BLUE, BLUE DIFFUSED. CONFIDENTIAL INFORMATION
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RELABILITY NOTE

OUR MANY YEARS OF EXPERENCE DATA ACCUMULATION INDICATE THAT

SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE.

PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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					PAGE:	1 OF 1
CT					SCALE:	N/A

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