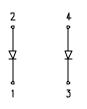
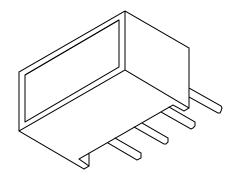
PART NUMBER

SSB-LX2300SID

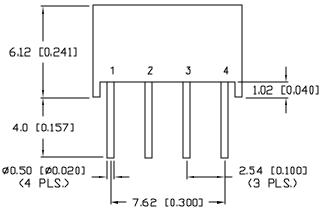
REV.

4.86 [0.191] 3.81 [0.150]





FACTORY PART#



ELECTRO-OPTICAL CH	ARACTERIS	TICS TA=25	5°C I	f= 20mA	
PARAMETER	MIN	ΤΥP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	٧f	
REVERSE VOLTAGE	5.0			v_r	Ir=100μΑ
AXIAL INTENSITY		200		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		160		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFF	FUSED			

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
Derate from 25°C	-1.2	mW∕°C
OPERATING, STORAGE TEMP.	- 40 TO +85	' C
SOLDERING TEMP.	+ 260	° C
2.0mm FROM BODY		3 SEC. MAX
4 1 410 00		

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UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFED TOLERANCES FER DECIMAL 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). MN=+DECIMAL PRECISION MAX.= +0.031 (±0.010), XXXX=±0.127 (±0.010), XXXX=±0.127 (±0.010), XXXX=±0.127 (±0.010), XXXX=±0.000

REV.

PART NUMBER
SSB-LX2300SID

8.89mm x 3.81mm LIGHT BAR, 636nm AllnGaP RED, RED DIFFUSED.

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<u>relability note</u> Our many 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.



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PAGE: 1 OF 1 SCALE: N/A

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