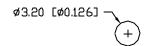
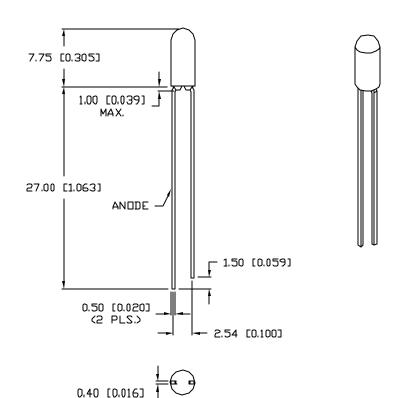
SSL-LX308F4SOD





ELECTRO-OPTICAL CH	ARACTERIS	STICS TA=25	S'C	If=20mA	
PARAMETER	MIN	TYP	MAX	LINITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
reverse voltage	5.0			V_r	I _r =100µA
AXIAL INTENSITY		250		mcd	$I_f = 20 \text{mA}$
/IEWING ANGLE		60		2x theta	
EMITTED COLOR:	ORANGE				
EPOXY LENS FINISH:	ORANGE	DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FΩRWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	- 1.6	mW∕°C
OPERATING, STORAGE TEMP.	- 40 TO +85	' C
SOLDERING TEMP.	+ 260	' C
2.0mm FROM BODY		3 SEC. MAX

^{*} t<10µS

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.0010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +DECINAL PRECISION MAX.= +0.00 (±0.002), XXX=±0.25 (±0.0010), XXXX=±0.127 (±0.005).

PART NUMBER

SSL-LX308F4SOD

T—3mm (T—1) 610nm SUPER ORANGE LED, ORANGE DIFFUSED LENS.

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IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THROE PARTIES.

RELIABLITY NOTE
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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