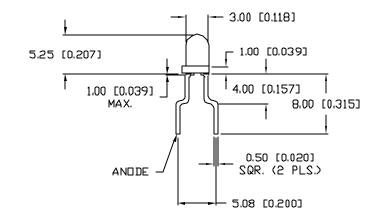
UNCONTROLLED DOCUMENT

sc:0.50 part number SSL-LX3054IT-BL58

PRELIMINARY IN P/N DIR

¢3.00 [¢0.118] - ¢4.00 [¢0.157]



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA						
PARAMETER	MIN	TYP	MAX	UNITS	test cond	
PEAK WAVELENGTH		635		nm		
FORWARD VOLTAGE		2.0	2.5	Vf		
REVERSE VOLTAGE	5.0			Vr	l _r =100μΑ	
AXIAL INTENSITY		45		mcd	lf=20mA	
VIEWING ANGLE		30		2x theta		
EMITTED COLOR:	RED					
EPOXY LENS FINISH:	RED TRA	NSPARENT				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	тW
DERATE FROM 25°C	- 1.6	m₩/"C
OPERATING, STORAGE TEMP.	- 40 TO + 85	•C
SOLDERING TEMP.	+ 260	' C
2.0mm FROM BODY		3 SEC. MAX
* t<10µS		

	*Unless otherwise specified tolerances per decinal precision are: $x=\pm 1$ (± 0.03	9), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). Li		<i>CONTROL</i> lead length=±0.75 (±0.03			NENT XD CIMAL PRECISION
REV.	PART NUMBER	<u>confidential information</u> The information contained in this document is the property of	1 1114		E. HELEN ROA ATINE. IL 600€	ND 37-6976	
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	T-3mm (T-1) 635nm RED LED,	RELABLITY NOTE	DRAWN BY:	CHECKED BY:			9,13,06
	RED TRANSPARENT LENS, WITH LEAD BEND.	OUR NANY 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.	JD			PAGE: SCALE:	1 OF 1 N/A

REV.

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