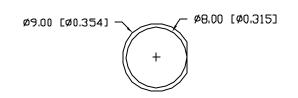
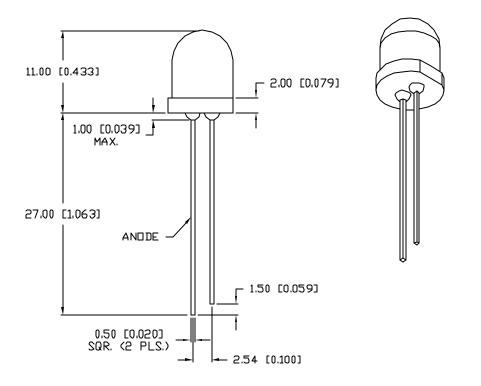
SSL-LX80113ID-12V





ELECTRO-OPTICAL CH	ARACTERISTICS T	A=25°C	$V_{f} = 12$.V	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		12.0	14.0	V_{f}	
REVERSE VOLTAGE	5.0			٧ _٢	ار100µAل
AXIAL INTENSITY		30		mcd	$V_f = 12V$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR;	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
FORWARD VOLTAGE	14	٧
STEADY CURRENT	12	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW∕°C
OPERATING, STORAGE TEMP.	- 40 TO +85	'Ċ
SOLDERING TEMP.	+ 260	'C
2.0mm FROM BODY		3 SEC. MAX

UNCONTROLLED DOCUMENT

*UNILESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0.039), XXX=±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), XXX=±0.127 (±0.000), XXXX=±0.127 (±0.000), XXXX=±0.000, XXX=±0.000, XXX=±0.00

REV.

PART NUMBER SSL-LX80113ID-12V

T-8mm 635nm RED LED, 12 VOLT OPERATION, RED DIFFUSED LENS.

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RELIABILITY 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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