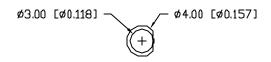
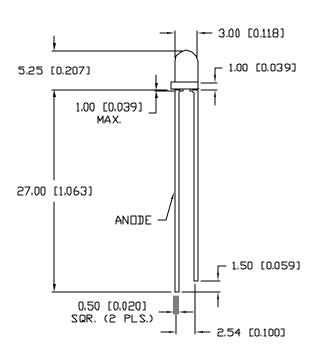
## SSL-LX3054HD-12V







ELECTRO-OPTICAL CH	ARACTERISTICS T	A=25°C	V <sub>f</sub> =12	<u> </u>	
PARAMETER	MIN	TYP	MAX	UNIT\$	TEST COND
PEAK WAVELENGTH		700		nm	
FORWARD VOLTAGE		12.0	14.0	$V_{f}$	
reverse voltage	5.0			$V_r$	ابر100µA
AXIAL INTENSITY		2		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	
PEAK FORWARD VOLTAGE	14	٧	
STEADY CURRENT	12	mA	
POWER DISSIPATION	310	mW	
DERATE FROM 25°C	- 1.6	mW∕°C	
OPERATING, STORAGE TEMP.	- 40 TO + 85	<b>'</b> C	
SOLDERING TEMP.	+ 260	<b>'</b> C	
2.0mm FROM BODY		3 SEC. MAX	

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= +DECIN

PART NUMBER

SSL-LX3054HD-12V

T-3mm (T-1) 700nm RED LED,
RED DIFFUSED LENS, 12 VOLT OPERATION.

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RELABILITY 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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