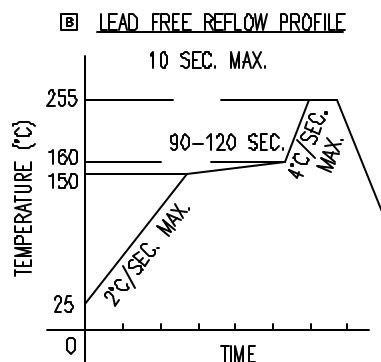
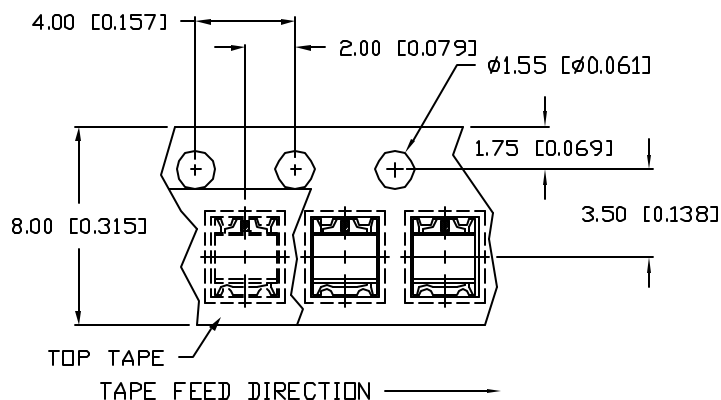
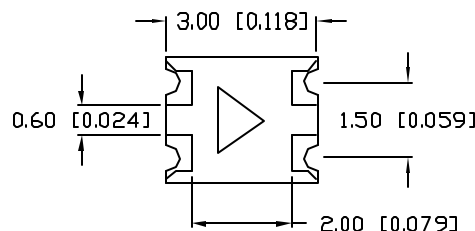
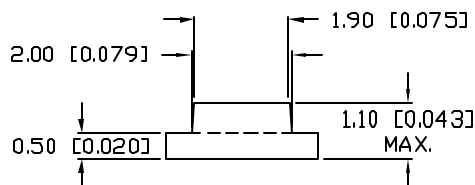
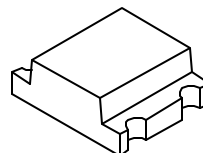
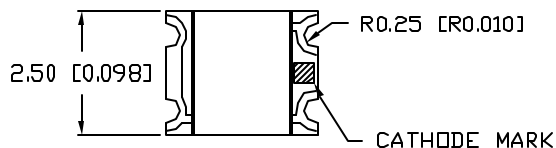
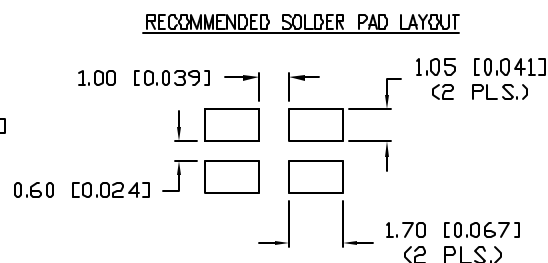


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TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



PART NUMBER
SML-LX2530BID-TR

REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10967.	3.14.03
B	E.C.N. #11148.	5.15.05

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		3.5	14.0	V_f	
BLINKING FREQUENCY:		1.5		Hz	$V_f=14.0$
		3.0		Hz	$V_f=3.5$
AXIAL INTENSITY		25		mcd	$V_f=9.0$
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:		RED			
EPOXY LENS FINISH:		RED DIFFUSED			

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
FORWARD VOLTAGE	14	V
FORWARD CURRENT	44	mA
POWER DISSIPATION	310	mW
REVERSE VOLTAGE	0.5	V
OPERATING, STORAGE TEMP.	-40 TO +70	°C

NOTES:

1. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 4 STANDARDS

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.030), 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=+DECIMAL PRECISION MAX.=+0.00 -0.00 -DECIMAL PRECISION

REV.
B

PART NUMBER
SML-LX2530BID-TR

3.0mm x 2.5mm SURFACE MOUNT LED,
635nm BLINKING RED LED,
RED DIFFUSED LENS, TAPE AND REEL

CONFIDENTIAL INFORMATION
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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.



290 E. HELEN ROAD
PALATINE, IL 60067-6976
PHONE: +1.847.359.2790
US WEB: www.lumex.com
TW WEB: www.lumex.com.tw

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