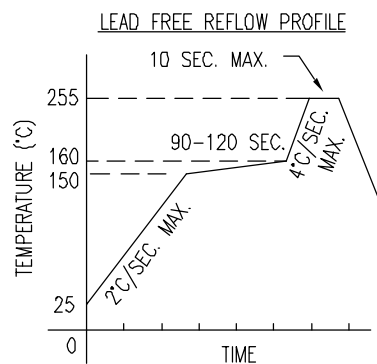
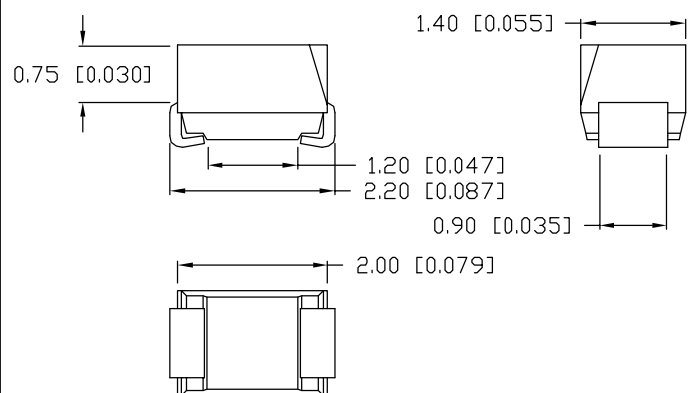
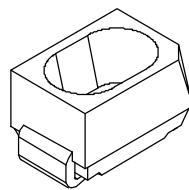
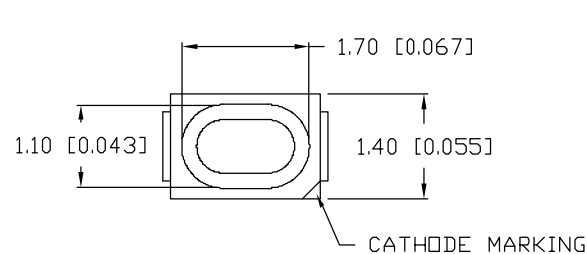




TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

ELECTRO—OPTICAL CHARACTERISTICS			T _A =25°C		I _f =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	
PEAK WAVELENGTH		610		nm		
FORWARD VOLTAGE		2.0	2.35	V _f		
REVERSE VOLTAGE	5.0			V _r	I _r =100μA	
AXIAL INTENSITY		185		mcd	I _f =30mA	
VIEWING ANGLE		120		2x theta		
EMITTED COLOR:	ORANGE					
EPOXY LENS FINISH:	WATER CLEAR LENS					

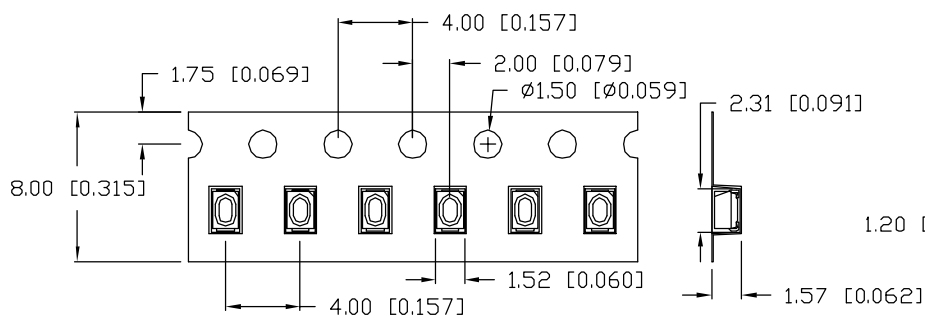
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	50	mA
POWER DISSIPATION	120	mW
DERATE FROM 25°C	- 1.2	mW/°C
OPERATING TEMP.	- 40 TO + 85	°C
STORAGE TEMP.	- 40 TO + 100	°C

* $t < 10 \mu S$

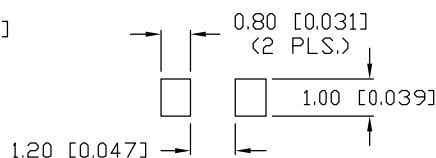
NOTES:

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

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 4 STANDARDS



RECOMMENDED SOLDER PAD LAYOUT



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (0.002), LEAD LENGTH=±0.75 (±0.030). MIN.=+0.00 PRECISION MAX.=+0.00 PRECISION
-0.00 -0.00

REV.

PART NUMBER

SML-LX2214SOC-TR

2.2mm x 1.4mm SURFACE MOUNT WITH REFLECTOR,
610nm SUPER ORANGE LED, WATER CLEAR LENS.

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.



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JN

PAGE: 1 OF 1
SCALE: N/A