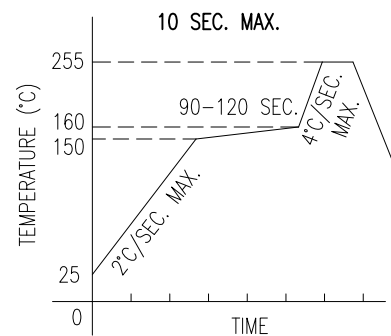
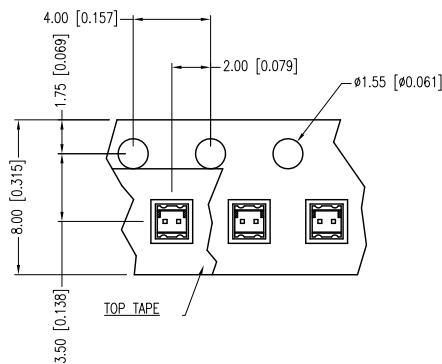


LEAD FREE REFLOW PROFILE

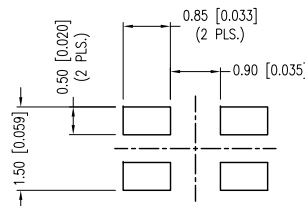


TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



TAPE FEED DIRECTION →

RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX0606SISUGC/A	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
7.2.15	E.C.N. #11964.		A

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G)		639/575		nm	
FORWARD VOLTAGE (R/G)		2.0	2.4	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY (R/G)		50		mcd	If=20mA
VIEWING ANGLE		120			
EMITTED COLOR:	RED/GREEN				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		60	mA
STEADY CURRENT	(R/G)	25	mA
POWER DISSIPATION		60	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING TEMP.		-40 TO +85	°C
STORAGE TEMP.		-40 TO +85	°C

* t<10μS

NOTES:

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

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

A

*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}_{-0.00} DECIMAL PRECISION MAX.=^{+0.00}_{-0.00} DECIMAL PRECISION

UNCONTROLLED DOCUMENT