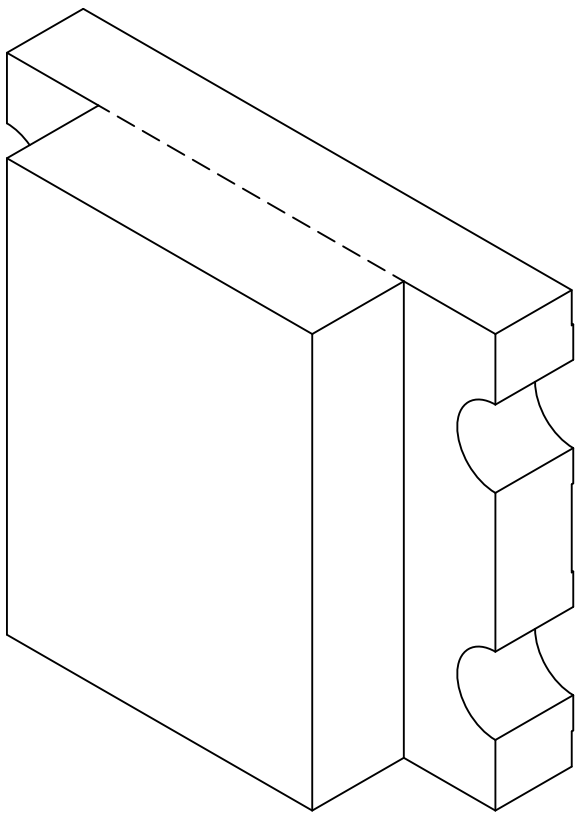
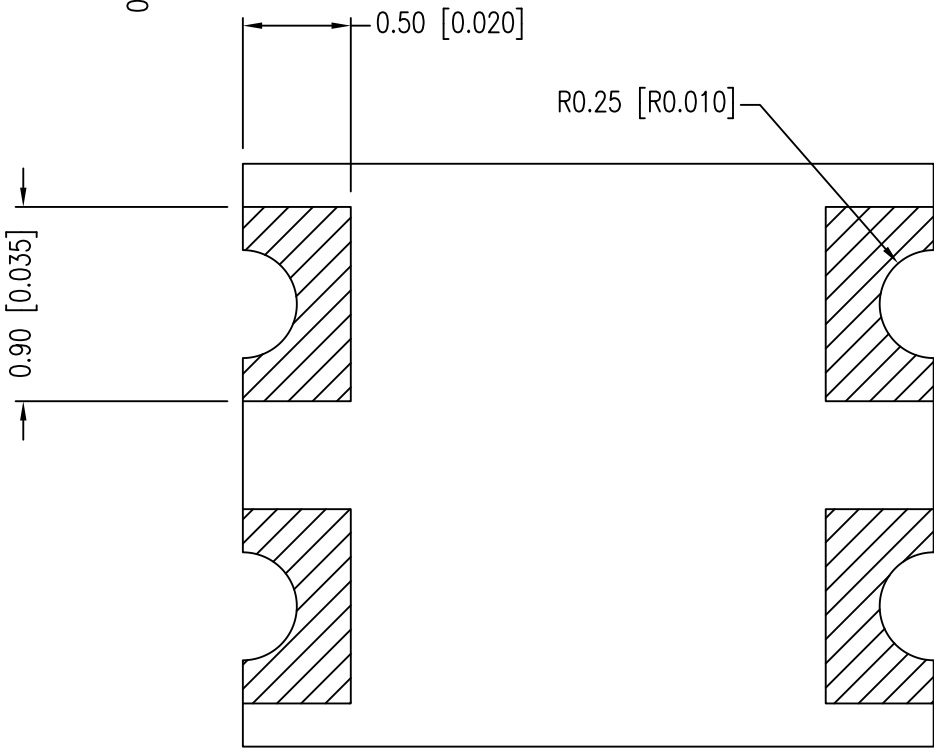
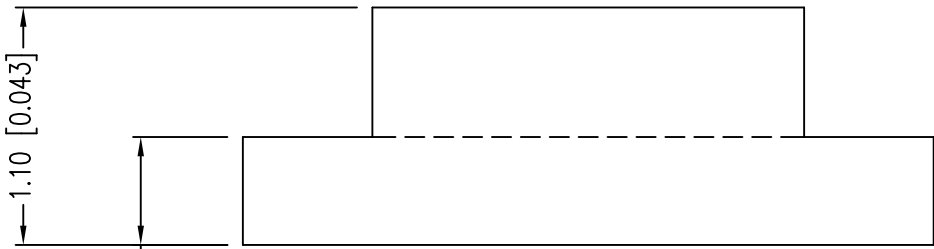
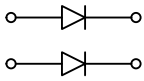
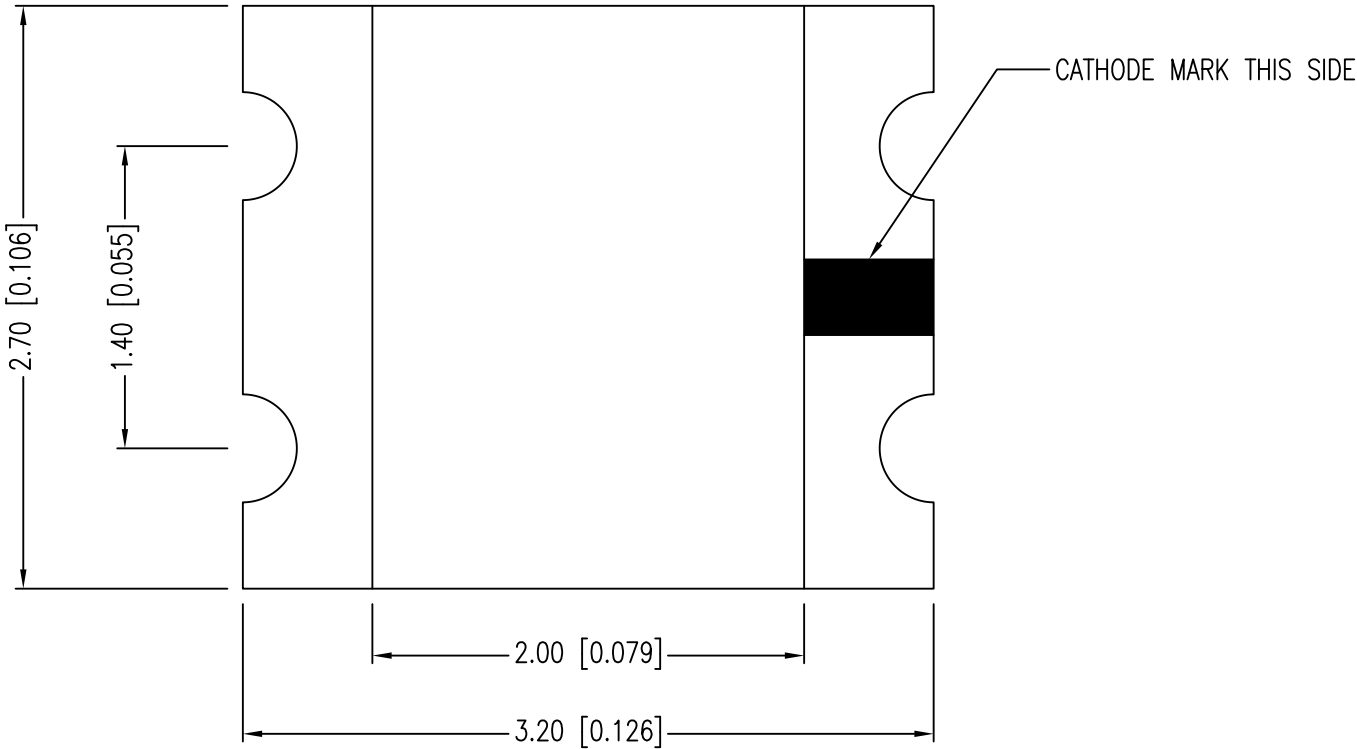
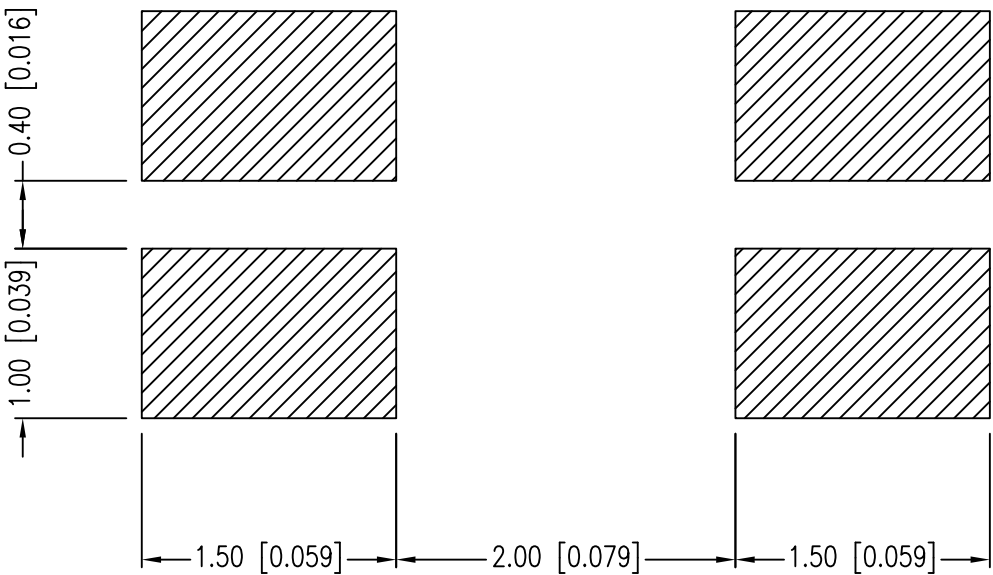




RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX1210SRSRC-TR	REV.	I
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.06.95	ADDED TAPE W/POLARITY AND DIRECTION.		A
03.17.97	E.C.N. #10324.		B
05.22.98	E.C.N. #10404, & #10BRDR & REDRAWN.		C
01.04.01	E.C.N. #10695.		D
01.25.02	E.C.N. #10834.		E
03.25.03	E.C.N. #10972.		F
03.10.09	E.C.N. #11508.		G
07.22.11	E.C.N. #10BRDR. & REDRAWN.		H
11.14.18	ECN-Lumex201800168		I

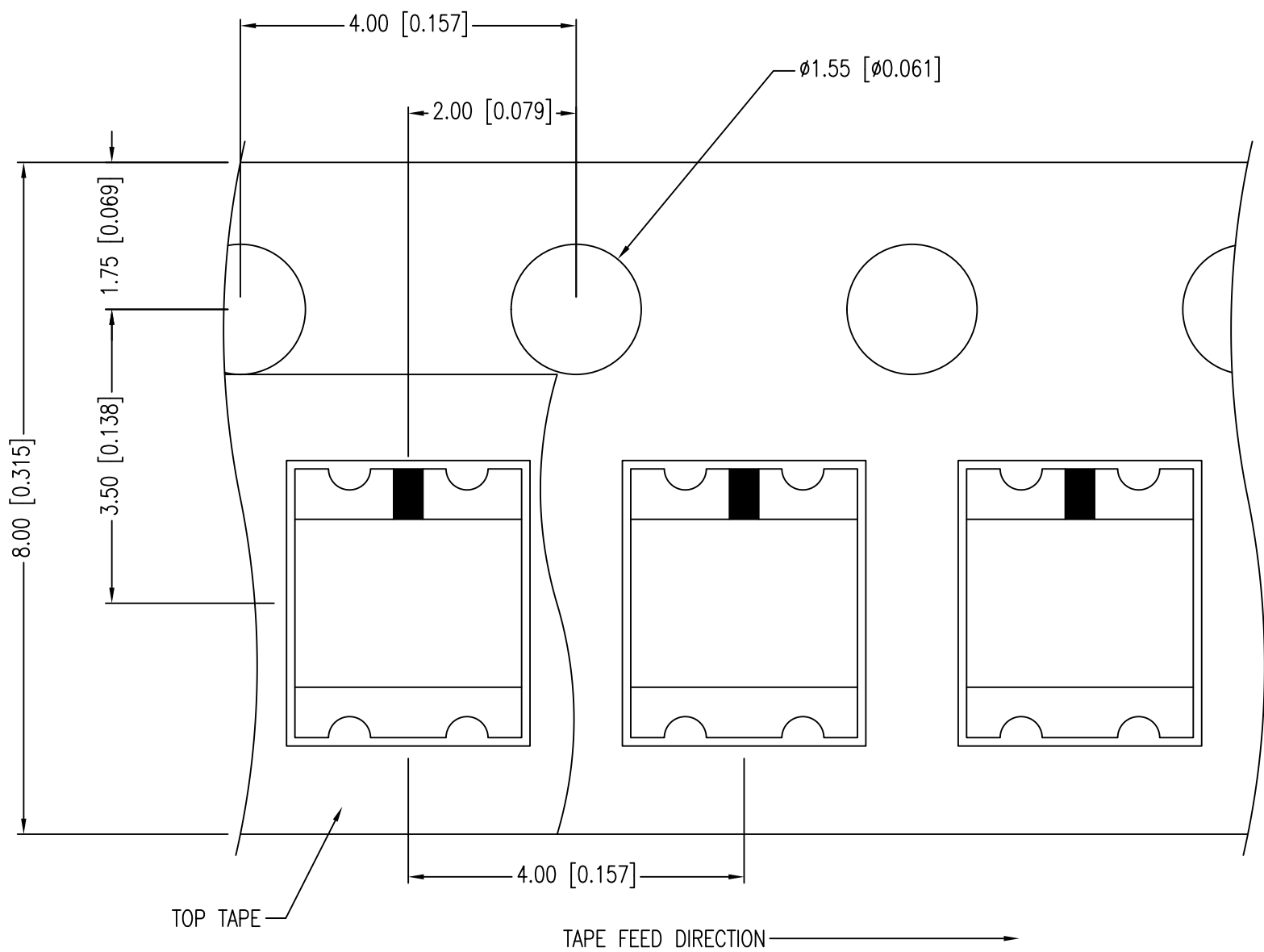
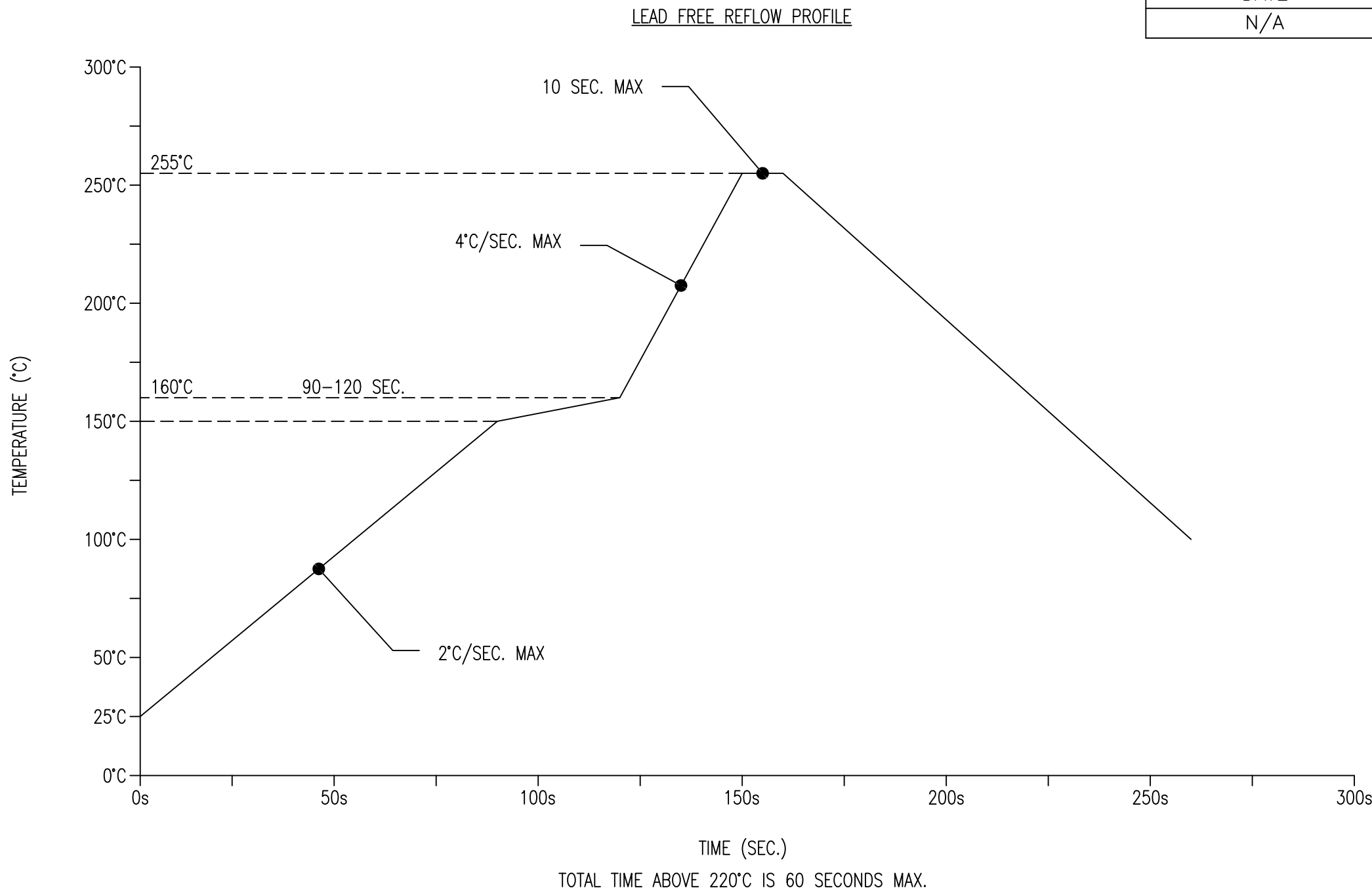
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		15		mcd	If=20mA
VIEWING ANGLE		160		2x theta 1/2	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	80	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-25 TO +85	°C
STORAGE TEMP.	-30 TO +85	°C

* t<10µS

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

PART NUMBER	SML-LX1210SRSRC-TR	REV.	I
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
N/A	FOR REVISION HISTORY PLEASE SEE PAGE 1		N/A



- NOTES:
1. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
 2. LOCATION FOR CATHODE MARK CAN BE EITHER ON THE TOP OR BOTTOM OF THE PART.