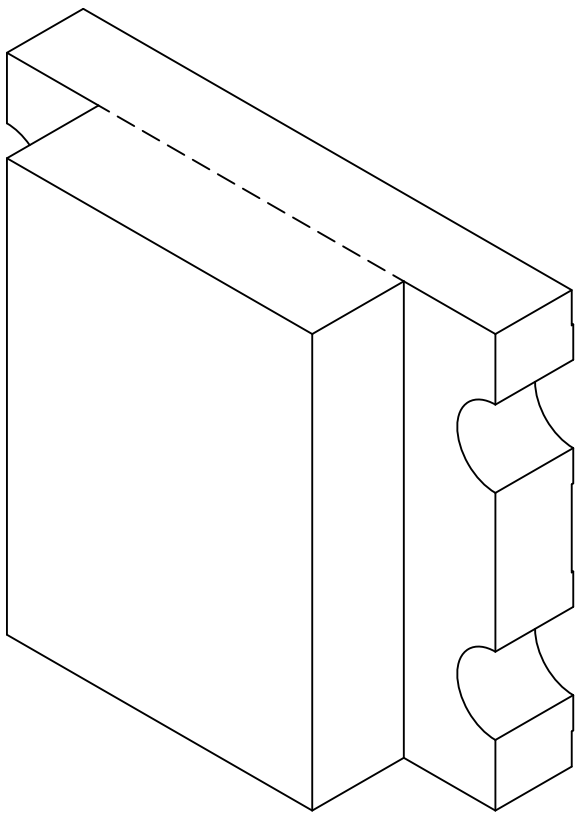
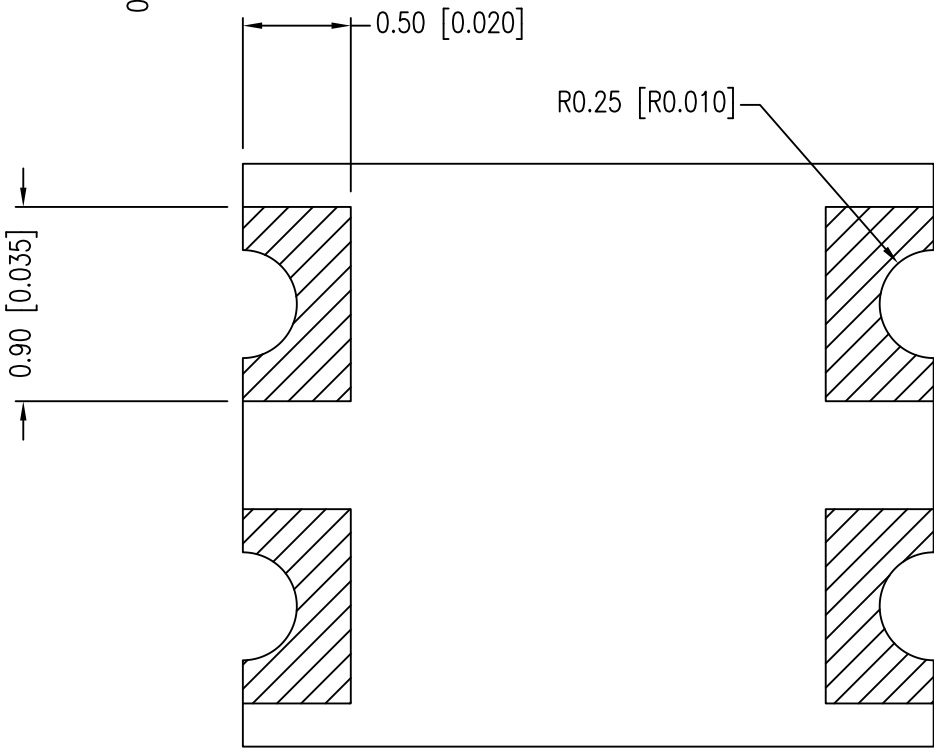
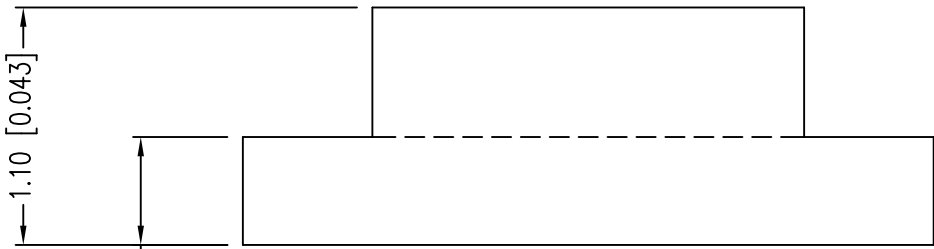
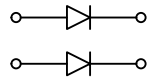
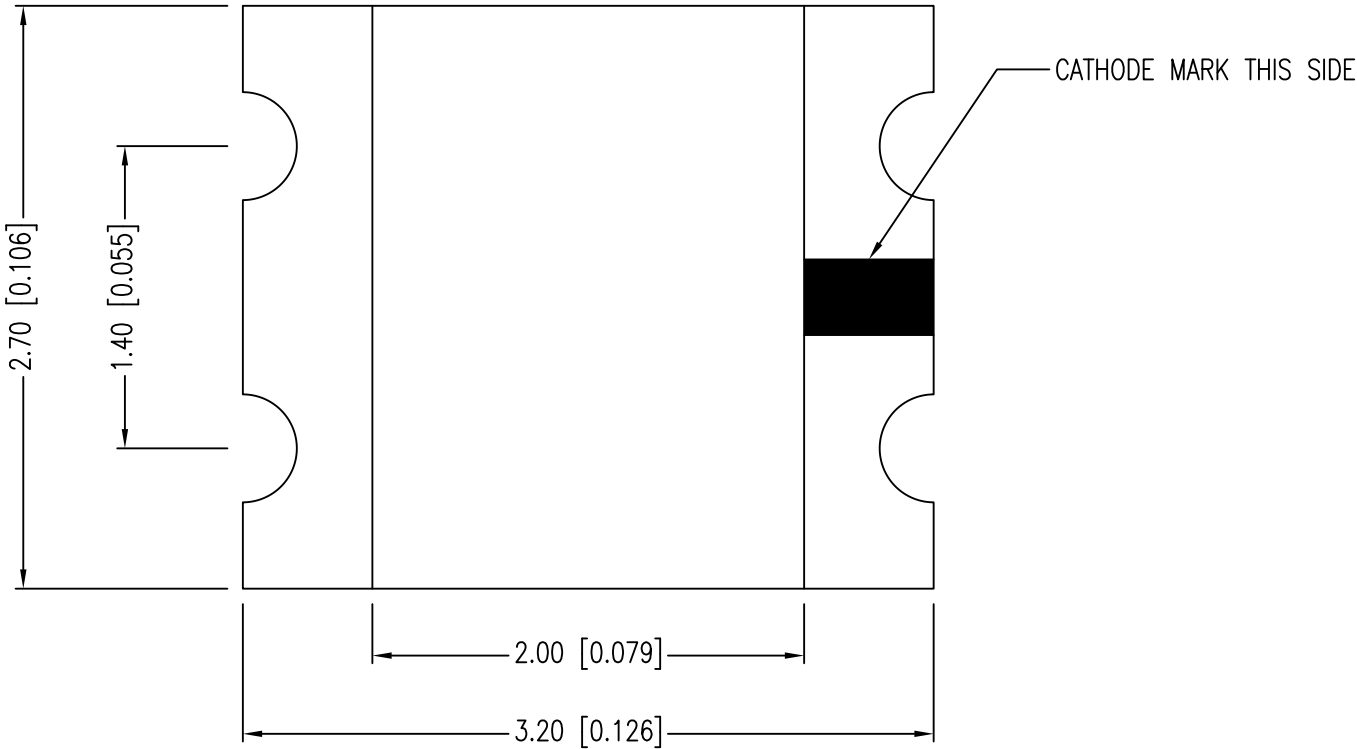
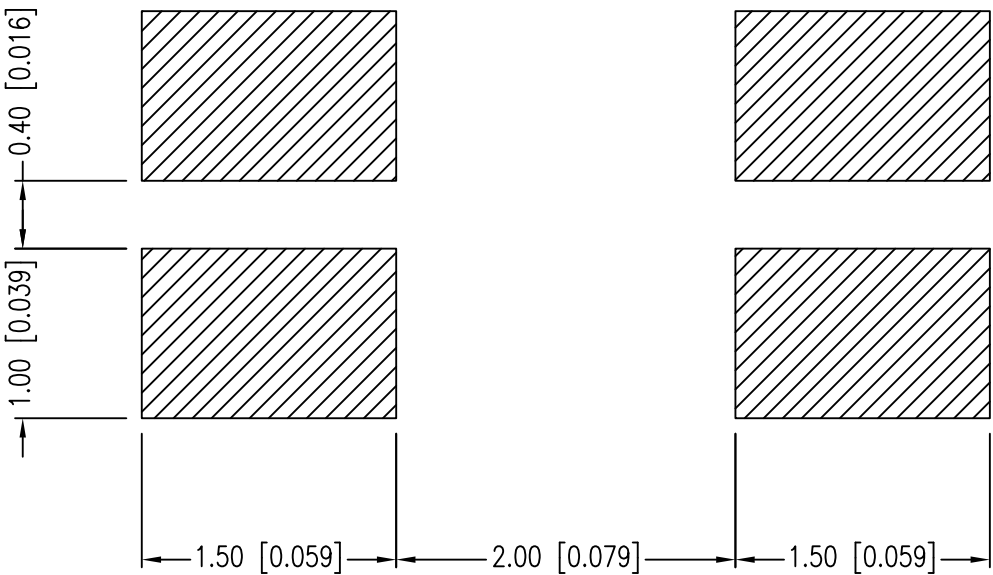




RECOMMENDED SOLDER PAD LAYOUT



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

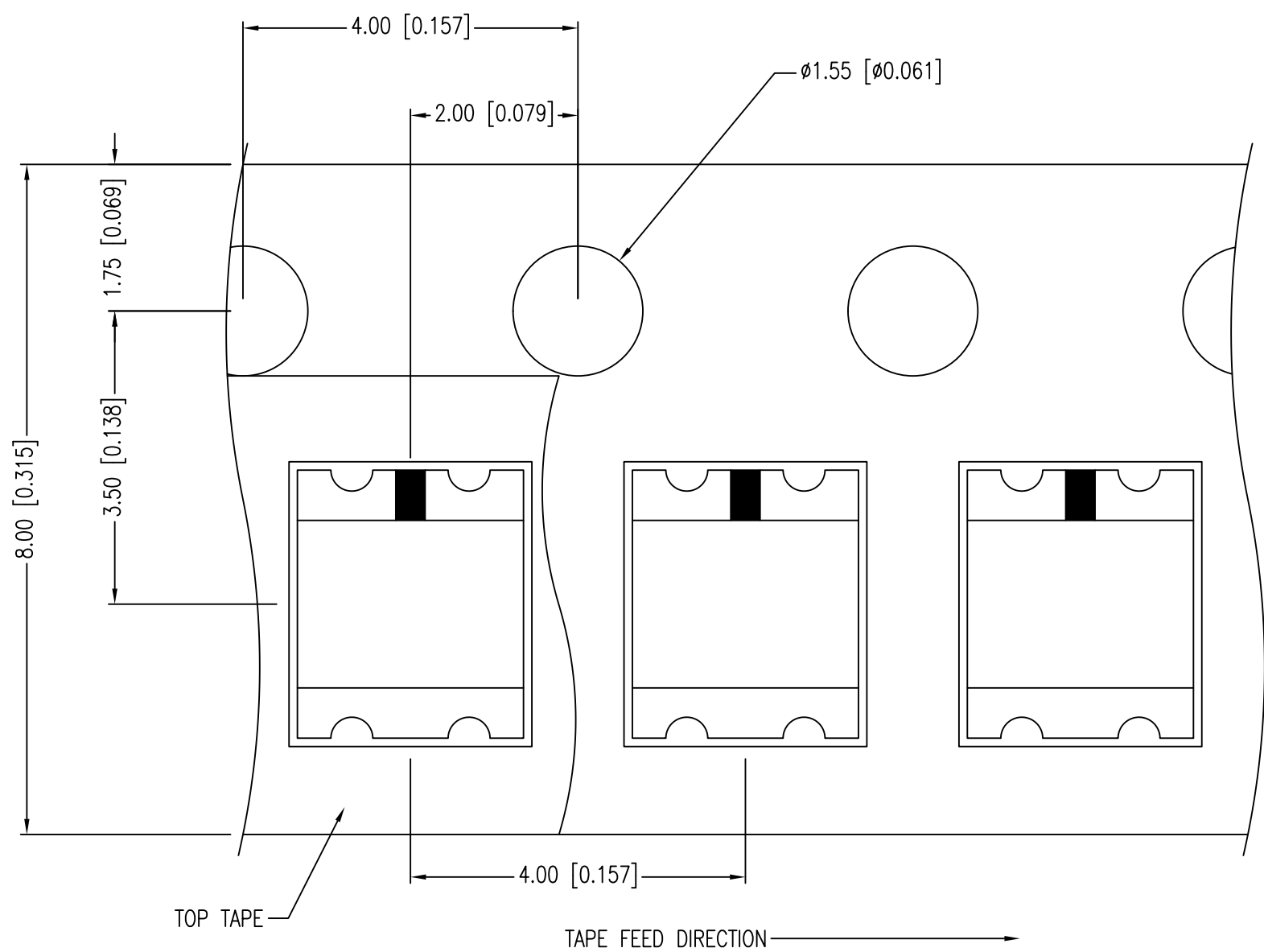
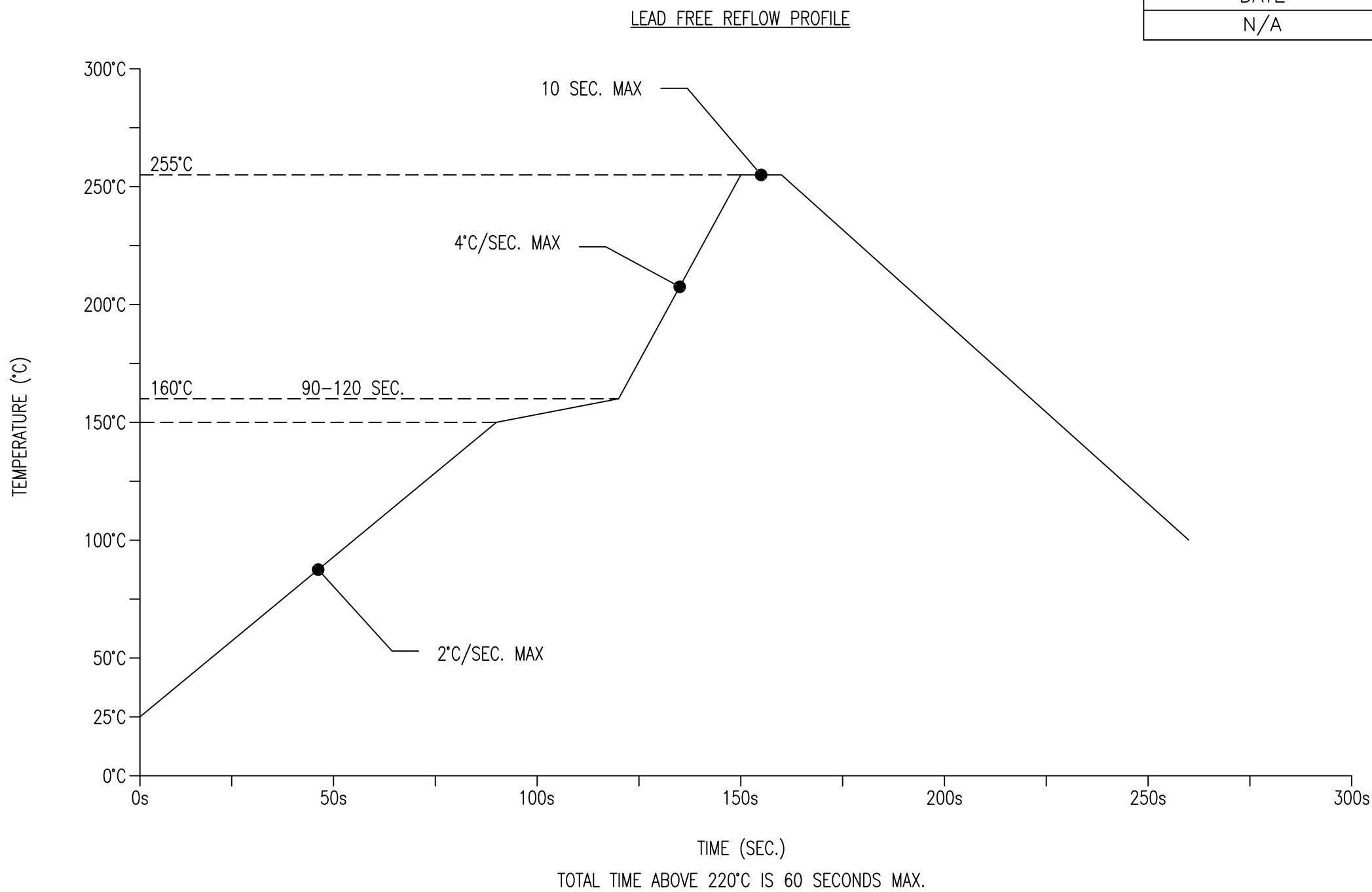
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		15		mcd	If=20mA
VIEWING ANGLE		160		2x theta 1/2	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

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.

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

Lumex:

[SML-LX1210SRSRC-TR](#)