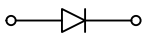
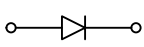
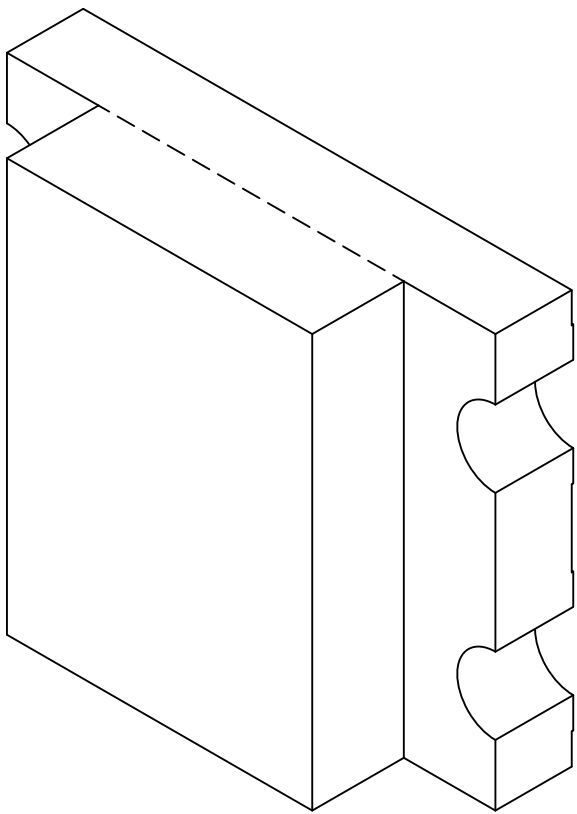
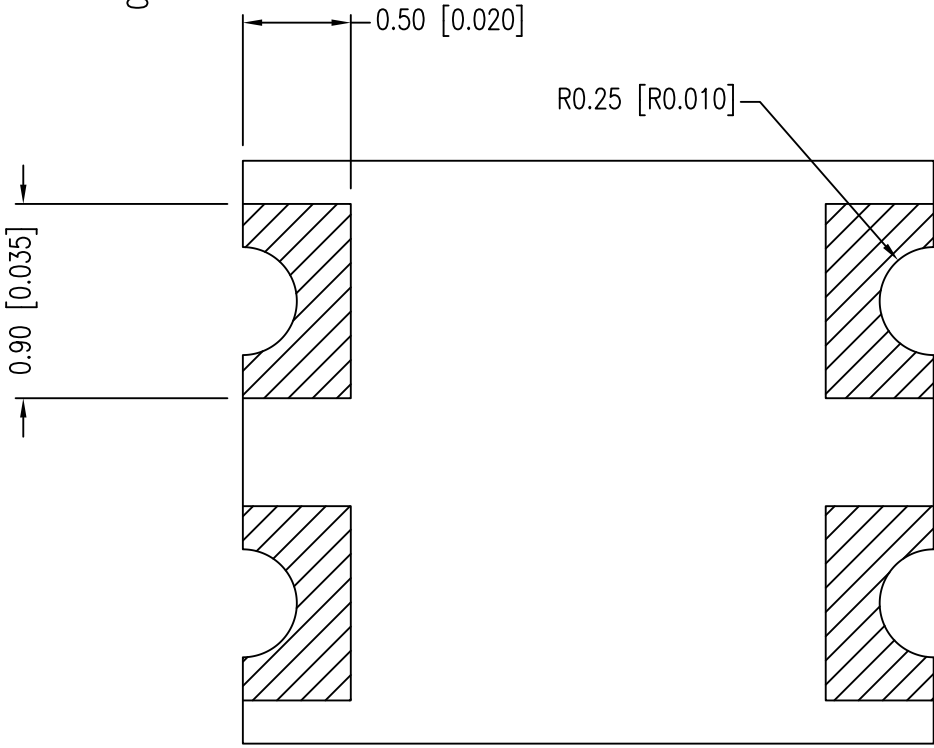
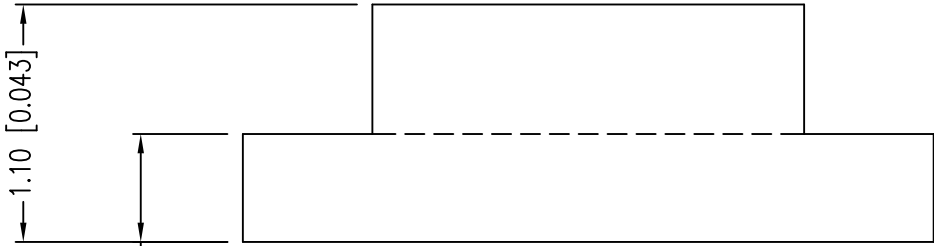
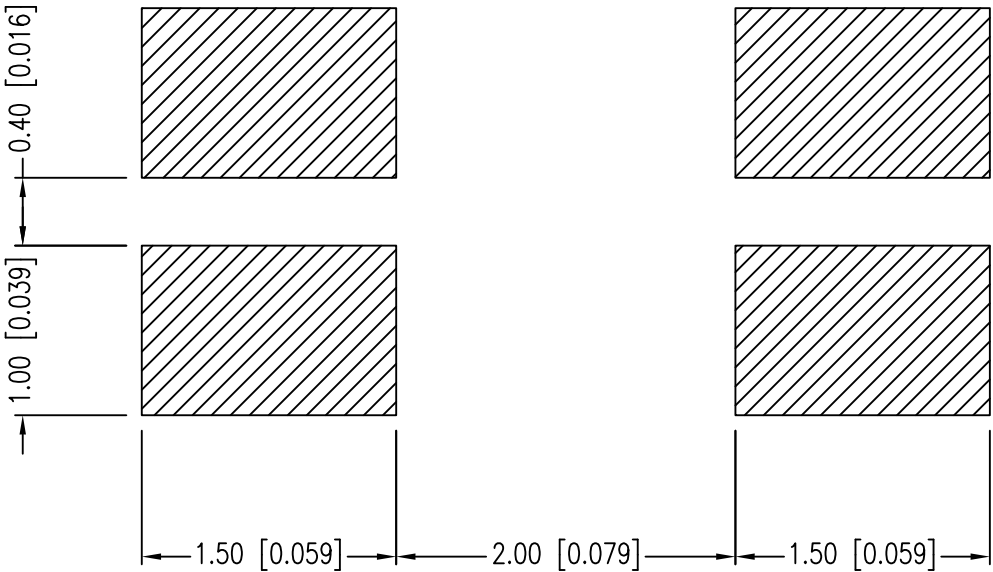


GREEN   
RED 



RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX1210SRSGC-TR	REV.	J
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
02.07.05	E.C.N. #11148.		G
03.10.09	E.C.N. #11508.		H
07.22.11	E.C.N. #10BRDR. & REDRAWN.		I
11.07.18	ECN-Lumex201800168		J

ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (R/G)		660/565		nm	
FORWARD VOLTAGE (R/G)		1.7/2.2	2.2/2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY (R/G)		15/10		mcd	If=20mA
VIEWING ANGLE		160		2x theta 1/2	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

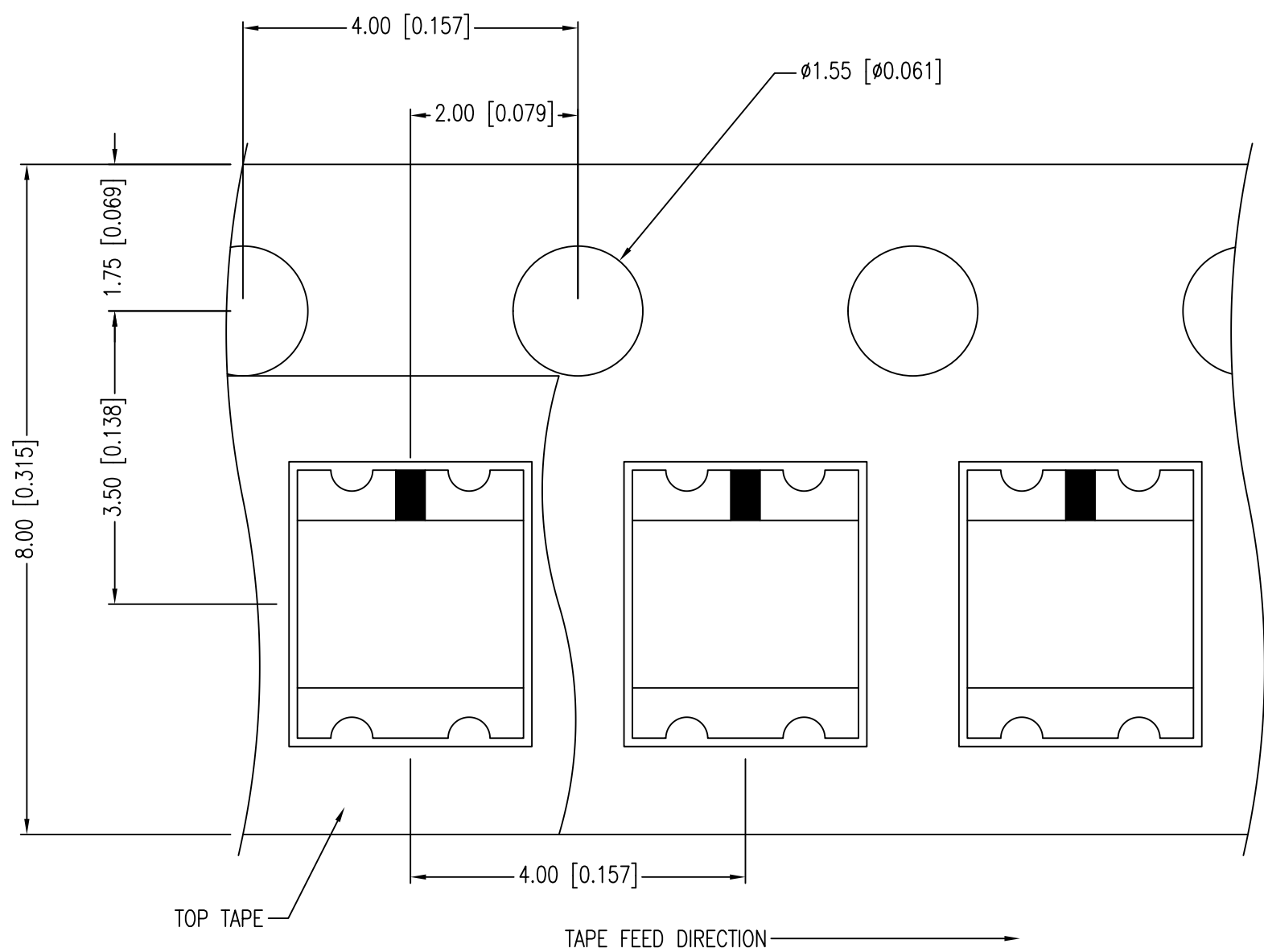
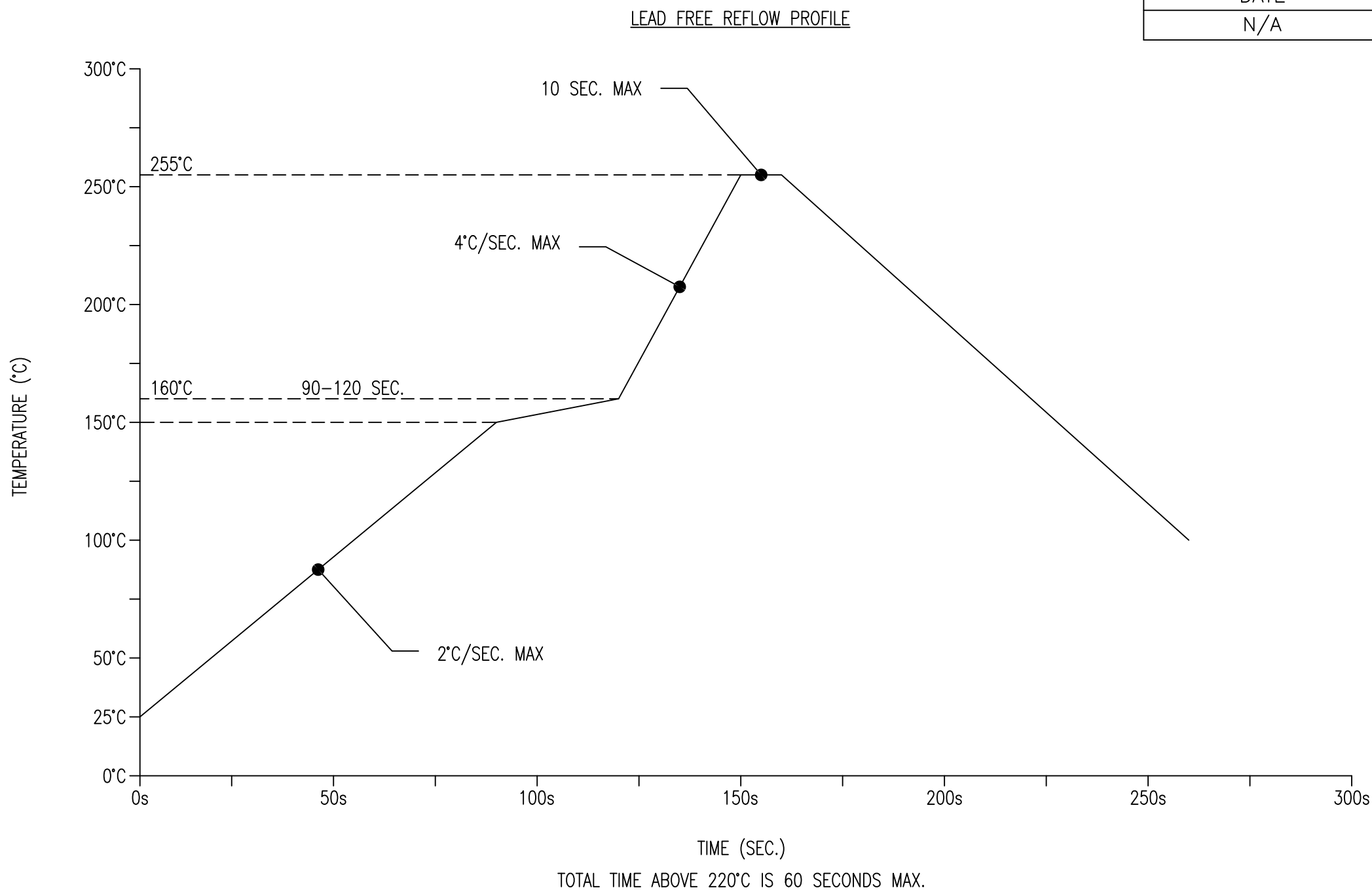
LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT (R/G)	30/25	mA
POWER DISSIPATION (R/G)	80/65	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-25 TO +85	°C
STORAGE TEMP.	-30 TO +85	°C

\* t<10µS

CAUTION: MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 3 STANDARDS

\*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= <sup>+DECIMAL PRECISION</sup>/<sub>-0.00</sub> MAX= <sup>+0.00</sup>/<sub>-DECIMAL PRECISION</sub>

PART NUMBER	SML-LX1210SRSGC-TR	REV.	J
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

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