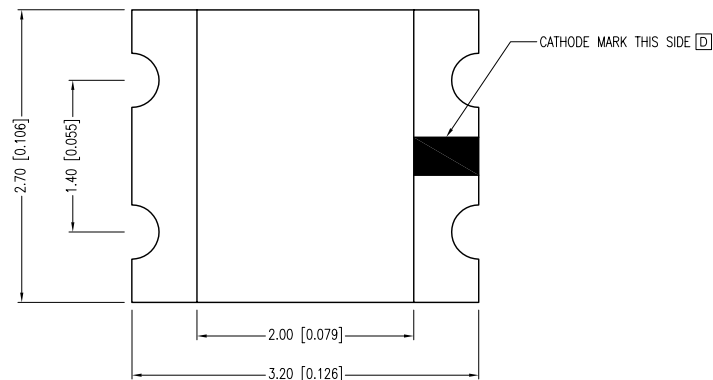
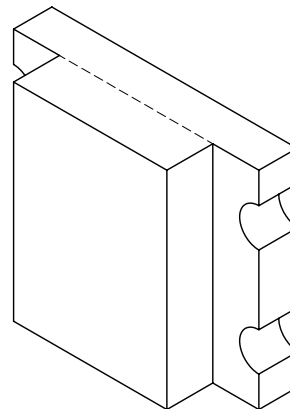
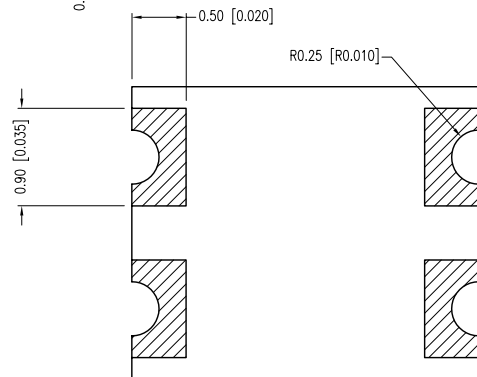
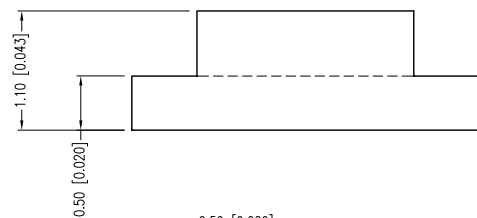
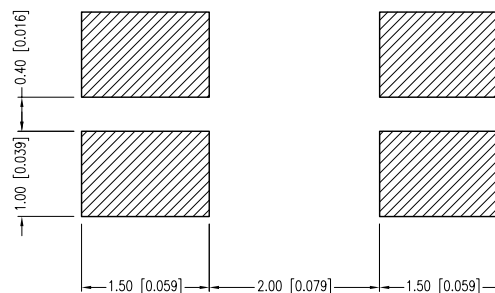




ANODE  CATHODE 



RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LX1210GGC-TR	REV.	J
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.06.95	ADDED TAPE W/POLARITY AND DIRECTION.		A
06.25.96	E.C.N. #10196.		B
03.17.97	E.C.N. #10324.		C
05.22.98	E.C.N. #10404. & 10BRDR. & REDRAWN.		D
10.04.99	E.C.N. #10BRDR.		E
01.04.01	E.C.N. #10695		F
03.25.03	E.C.N. #10972.		G
02.07.05	E.C.N. #11148.		H
03.10.09	E.C.N. #11508.		I
07.22.11	E.C.N. #10BRDR. & REDRAWN.		J

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

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-30 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* t<10μS

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 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= ^{+DECIMAL PRECISION} -0.00 ^{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT



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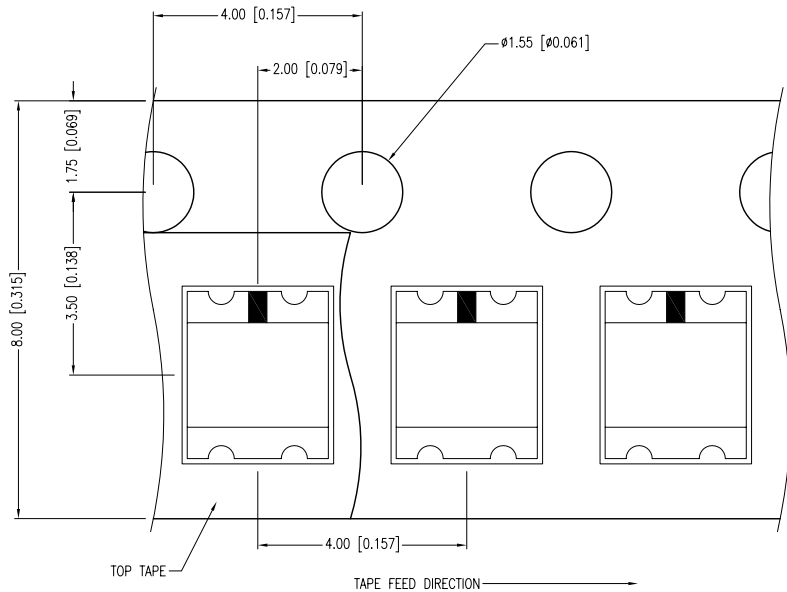
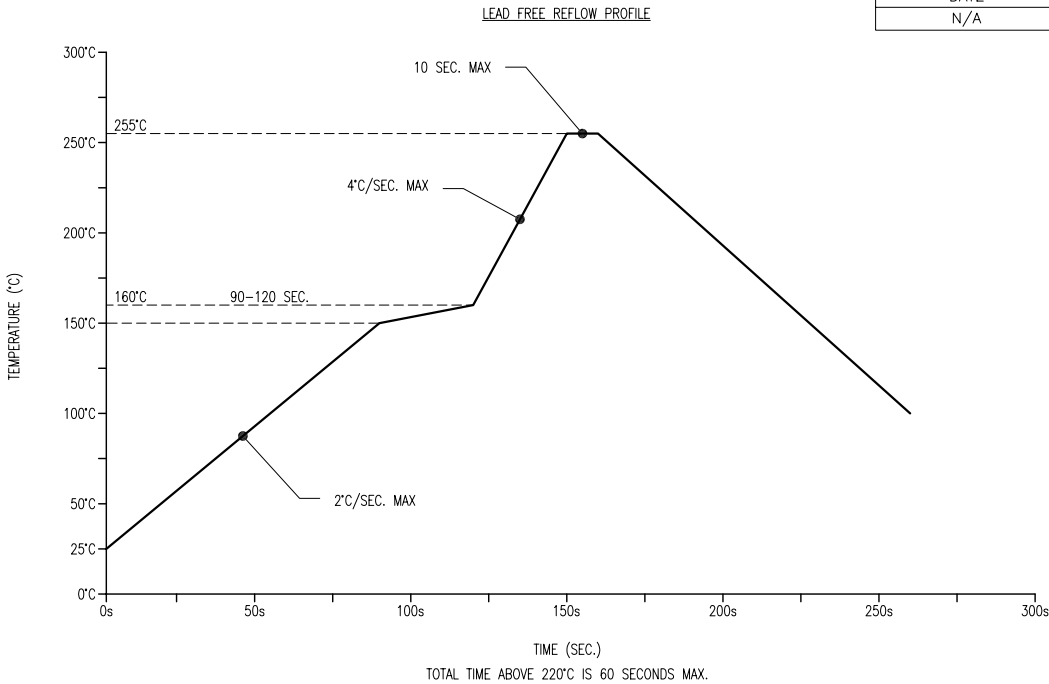
2.7x 3.2mm P.C.B. SURFACE MOUNT LED, DUAL 565nm GREEN CHIPS, WATER CLEAR LENS, TAPE & REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	07.22.11	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		Ⓟ

PART NUMBER	SML-LX1210GGC-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.