

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+DECIMAL}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+DECIMAL}_{-DECIMAL}$ PRECISION MAX.= $^{+0.00}_{-DECIMAL}$ PRECISION MAX.= $^{+0.00}$



A25 N. GARY AVE.
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2.5mm x 3.0mm PCB, SML, DUAL RED/GREEN C

**THE SPECIFICATIONS MAY CHANGE AT A

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PART NUM	BER	SML-LXL1210IGC-TR	REV.	Н
DATE		E.C.N. NUMBER AND REVISION COMMENTS		REV.
08.06.98	REDRAW	'N.		А
11.06.00	E.C.N. j	#10BRDR. & REDRAWN IN 3D.		В
11.06.00	E.C.N. j	#10BRDR. & #10851.		С
03.14.03	5 E.C.N. 7	¥10967.		D
03.23.05	E.C.N. 7	¥11148.		E
05.28.10) E.C.N. ;	¥11508.		F
06.26.12	E.C.N. j	#10BRDR. & REDRAWN/#11826.		G
11.06.18	ECN-Lu	mex201800168		Н

ELECTRO-OPTICAL C	HARACTERISTICS	Ta=25°C If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	(R/G)	635/565		nm	
FORWARD VOLTAGE	(R/G)	2.0/2.2	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	A بر100 Ir=
AXIAL INTENSITY		10		mcd	lf=20mA
VIEWING ANGLE		60		2x theta 1/2)
EMITTED COLOR:	RED/GREEN				
LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.0	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
* t<10µS		

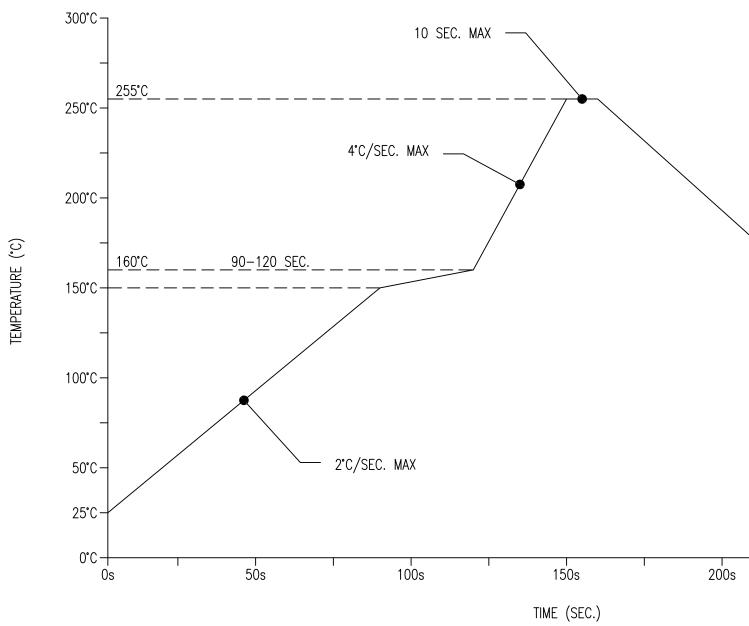
CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS



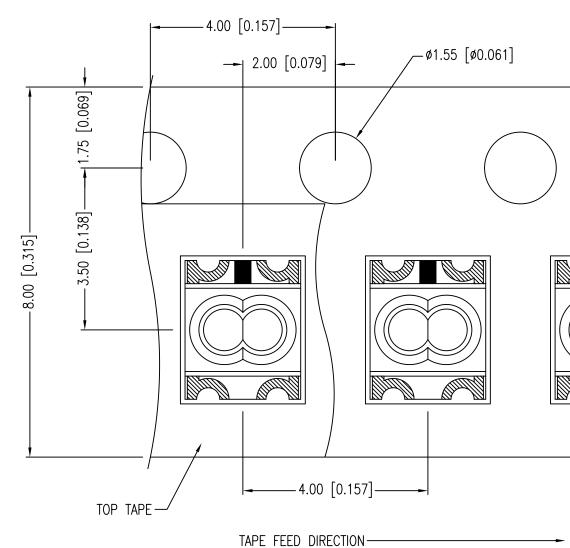


CHIPS, WATER CLEAR LENS, TAPE & REEL.	DATE:	11.06.18	DRAWN BY:	C.S.
ANY TIME WITHOUT NOTICE.**		1 OF 2	CHKD BY:	E.C.
DRMATION ORMATION CIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL HOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.		NTS	APRVD BY:	G.Y.
		mm [INCH]	Ŕ	

LEAD FREE REFLOW PROFILE



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



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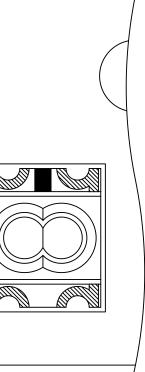
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DATE	E.C.N. NUMBER AND REVISION COMMENTS	
08.06.98	REDRAWN.	A
11.06.00	E.C.N. #10BRDR. & REDRAWN IN 3D.	В
11.06.00	E.C.N. #10BRDR. & #10851.	С
03.14.03	E.C.N. #10967.	D
03.23.05	E.C.N. #11148.	E
05.28.10	E.C.N. #11508.	F
06.26.12	E.C.N. #10BRDR. & REDRAWN/#11826.	G
11.06.18	ECN-Lumex201800168	Н





NOTES:

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

LEAD LENGTH= ± 0.75 (± 0.030). MIN= $\begin{array}{c} +\text{DECIMAL PRECISION} \\ -0.00 \end{array}$ MAX.= $\begin{array}{c} +0.00 \\ -\text{DECIMAL PRECISION} \end{array}$	UNCONTROLL.	ED DOCUMENT
CHIPS, WATER CLEAR LENS, TAPE & REEL.	DATE: 11.06.18	DRAWN BY: C.S.
AT ANY TIME WITHOUT NOTICE.**	PAGE: 2 OF 2	CHKD BY: E.C.
FORMATION	SCALE: NTS	APRVD BY: G.Y.
PECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.	UNIT: mm [INCH]	R

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