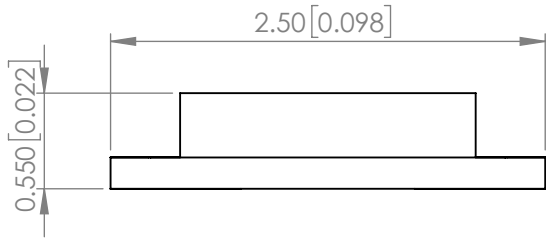
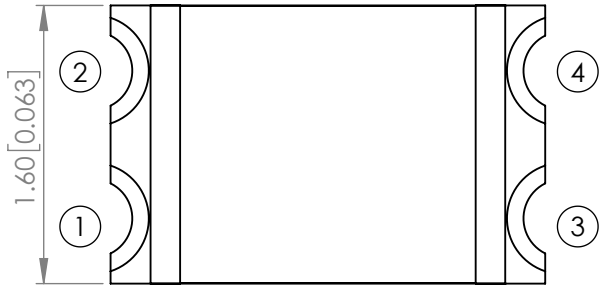
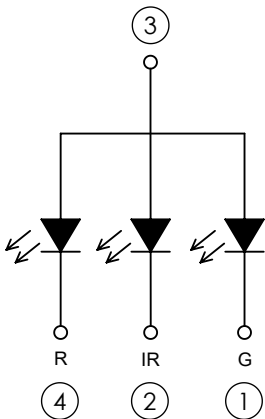


PART NUMBER		SML-LX2516IRRGC-TR	REV	A
REV	E.C.N. NUMBER AND REVISION COMMENTS			DATE
A	ECN-Lumex202500008			02.06.25



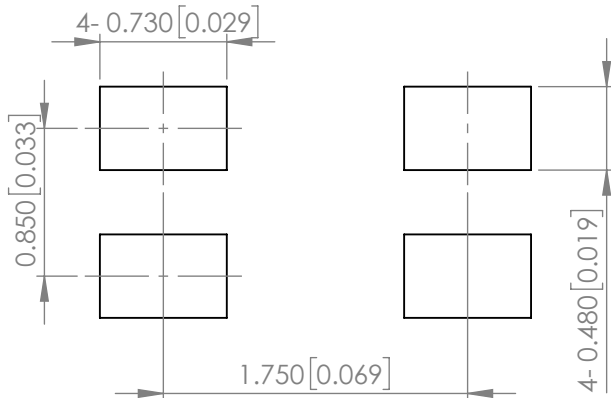
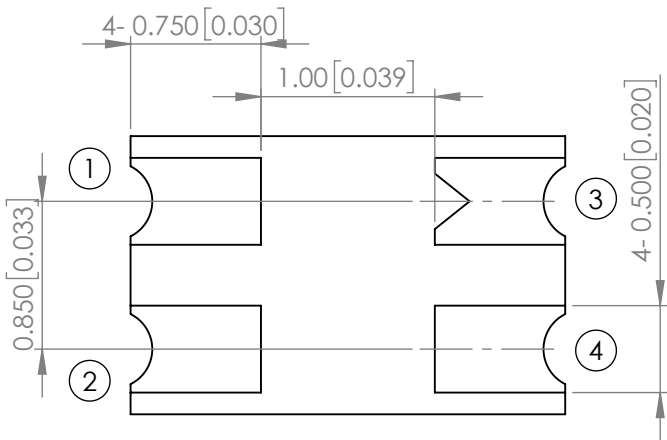
POLARITY



ELECTRO-OPTICAL CHARACTERISTIC TA=25°C

PARAMETER		MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	IR	-	940	-	nm	If=20mA
	R	-	660	-		
	G	-	525	-		
FORWARD VOLTAGE	IR	-	1.3	1.8	Vf	If=20mA
	R	-	1.9	2.5		
	G	-	3.0	3.5		
REVERSE CURRENT	IR	-	-	10	uA	VR=5V
	R	-	-	10		
	G	-	-	10		
RADIANT INTENSITY	IR	1.5	-	-	mW/sr	If=20mA
LUMINOUS INTENSITY	R	150	-	-	mcd	
LUMINOUS INTENSITY	G	1200	-	-	mcd	
VIEWING ANGLE		-	120	-	2x theta1/2	-
EMITTED COLOR	IR / RED / GREEN					
EPOXY LENS FINISH	WATER CLEAR					

RECOMMENDED SOLDER PAD LAYOUT



ABSOLUTE MAXIMUM RATINGS TA=25°C

PARAMETER	MAX	UNITS
FORWARD CURRENT(IR/R/G)	50 / 25 / 20	mA
REVERSE VOLTAGE(IR/R/G)	5 / 5 / 5	V
POWER DISSIPATION (IR/R/G)	90 / 65 / 70	mW
STORAGE TEMPERATURE	-40 TO +100	°C
OPERATING TEMPERATURE	-40 TO +85	°C

MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

STATIC DEVICE FOLLOW PROPER
E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART

*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} MAX= ^{+0.00}_{-DECIMAL PRECISION}



425 N. GARY AVE.
CAROL STREAM, IL 60188
PHONE : 800-278-5666
FAX : 630-315-2150
WEB : WWW.LUMEX.COM

2.5(L)*1.6(W)*0.55(H)mm, SURFACE MOUNT LED, 940nm IR / 660nm RED / 525nm GREEN LED, WATER CLEAR LENS, TAPE AND REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.

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PAGE : 1 OF 2

CHKD BY : T.S.

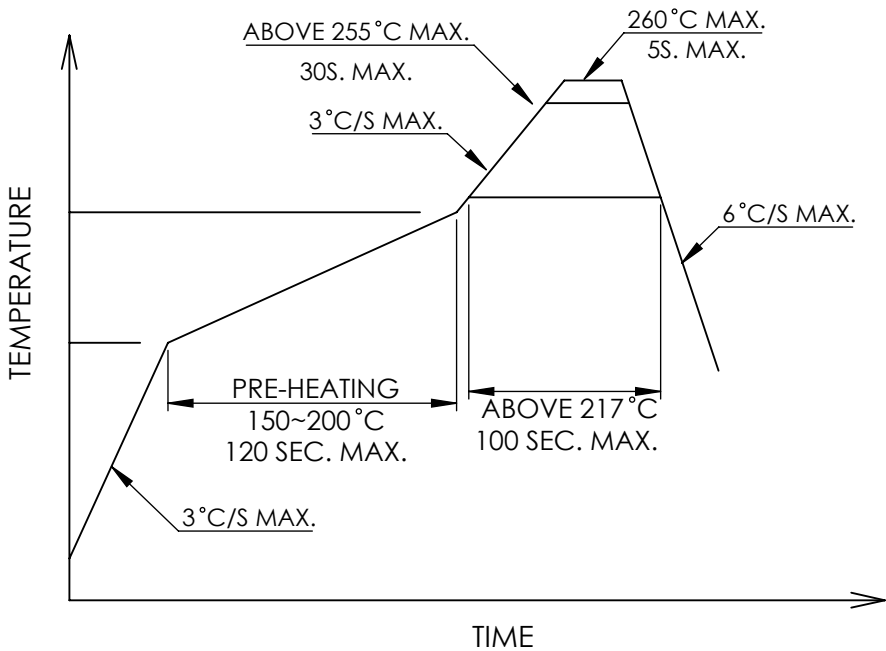
SCALE : NTF

APRVD BY : G.Y.

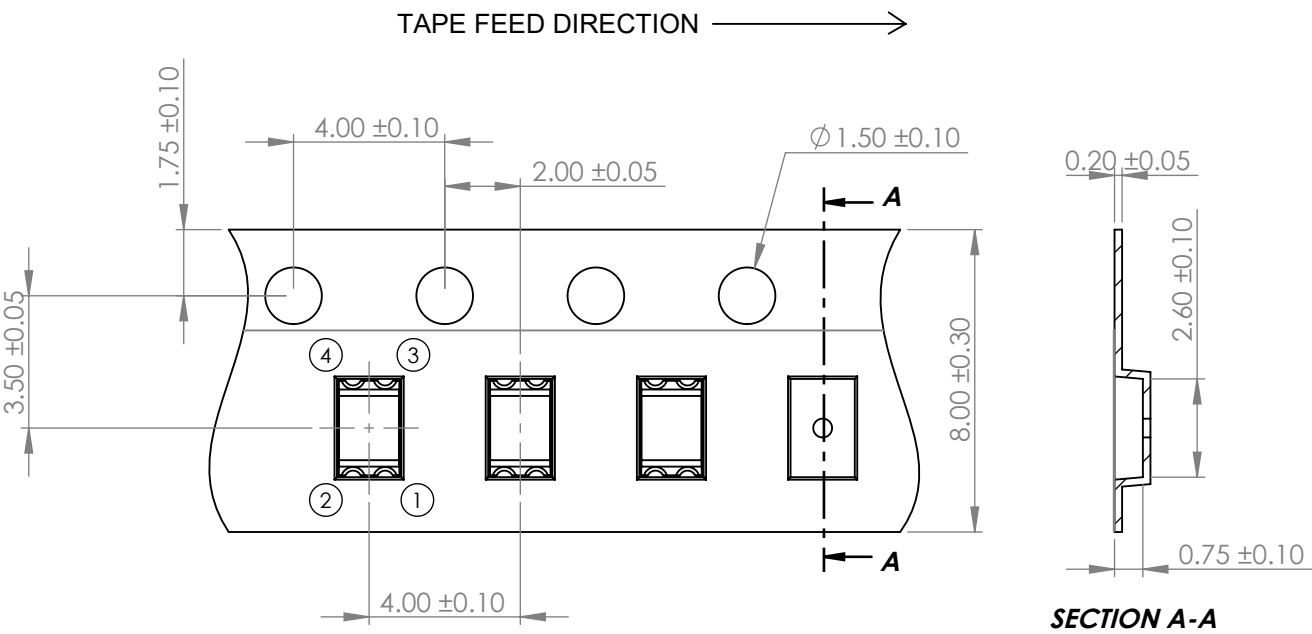
UNIT : mm [INCH]

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PROFILE



CARRIER TAPE DIMENSION



NOTE:
1. 2500 pcs/REEL

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