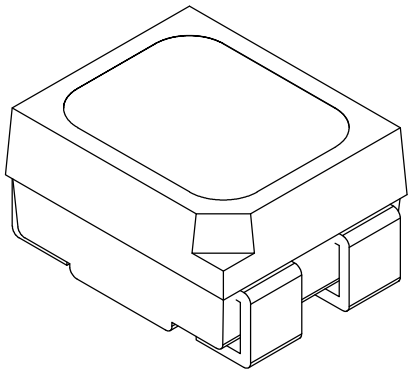
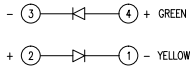
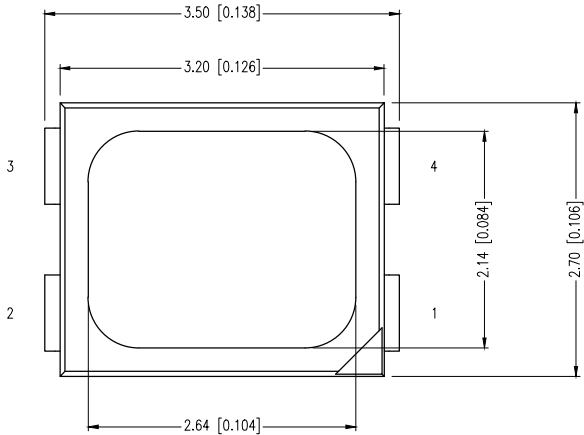


PART NUMBER	SML-LX2835YGC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
1.18.12	E.C.N. #11798.		A
9.30.15	E.C.N #11945		B

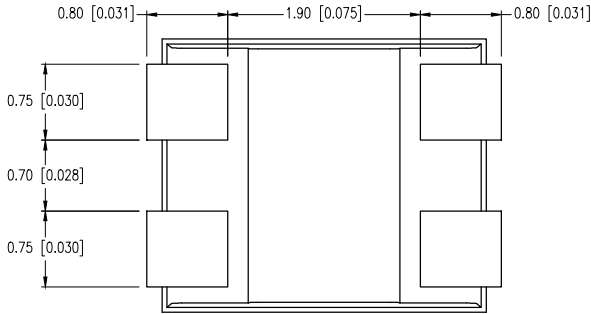
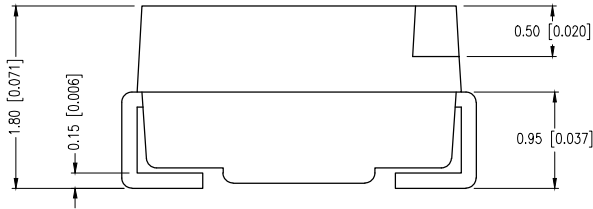


ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _F =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH (Y/G)		585/565		nm	
FORWARD VOLTAGE (Y/G)		2.1/2.2	2.5/2.6	V _F	
REVERSE VOLTAGE	5.0			V _R	I _R =100uA
AXIAL INTENSITY (Y/G)		15/25		mcd	I _F =20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	YELLOW/GREEN				
EPOXY LENS FINISH:	WATER CLEAR LENS				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT (Y/G)	30/25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX
* t<10uS		

- NOTES:
1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
 2. 2,000 PER REEL.

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= +DECIMAL PRECISION -0.00 MAX.= +0.00 -DECIMAL PRECISION UNCONTROLLED DOCUMENT

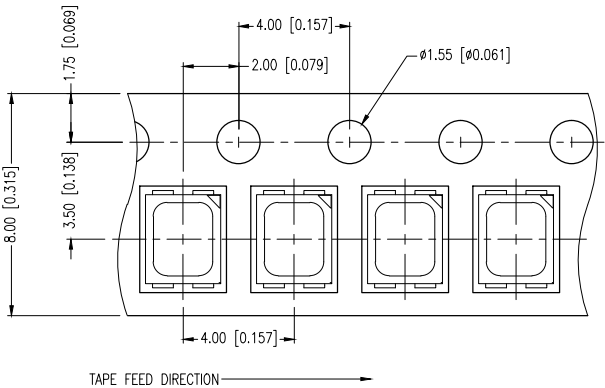
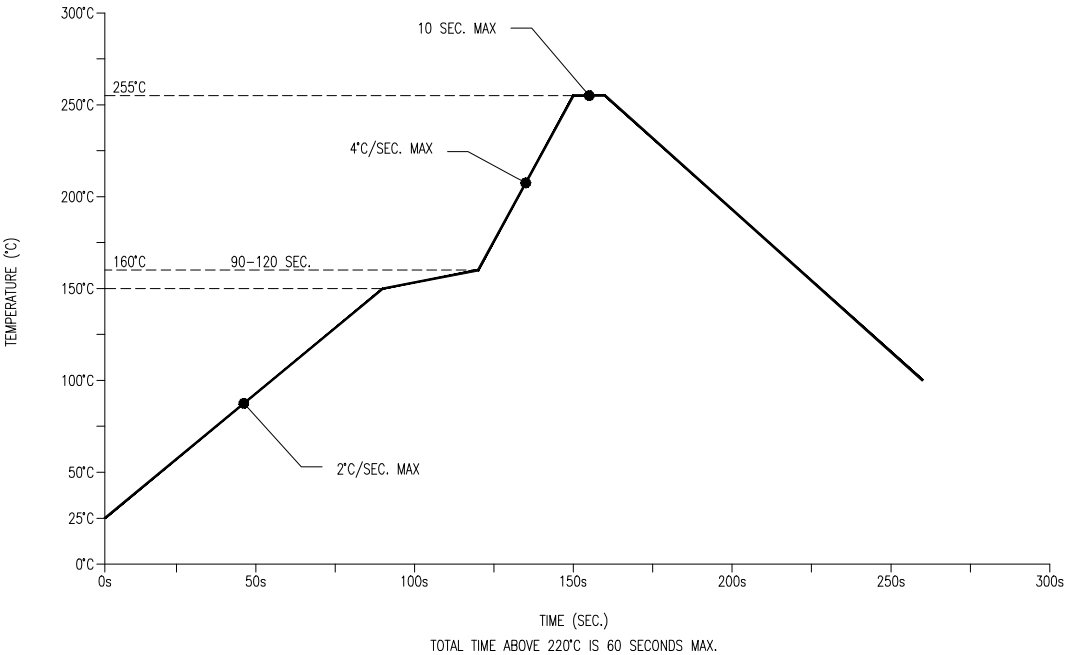
P:\ARTWORK\Lumex logos\LUMEX-09.bmp	290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 FAX: +1.847.359.6538 WEB: WWW.LUMEX.COM	2.7mm x 3.2mm SML /W REFLECTOR CUP, DUAL CHIP, 585nm/565nm LED, WATER CLEAR LENS, 2k PER REEL.	DATE: 02.03.11	DRAWN BY: AB
			PAGE: 1 OF 2	CHKD BY: —
			SCALE: NTS	APRVD BY: —
			UNIT: mm [INCH]	Ⓟ

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

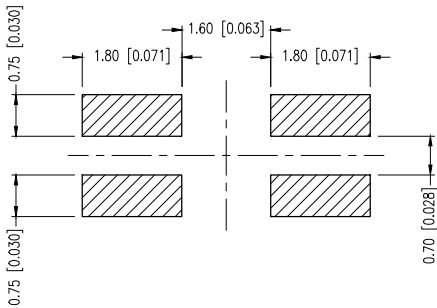
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PART NUMBER	SML-LX2835YGC-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
1.18.12	E.C.N. #11798.		A
9.30.15	E.C.N #11945		B

LEAD FREE REFLOW PROFILE



RECOMMENDED SOLDER PAD LAYOUT



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