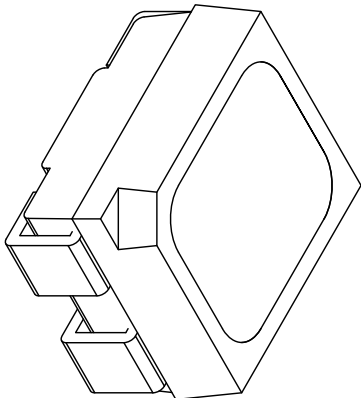
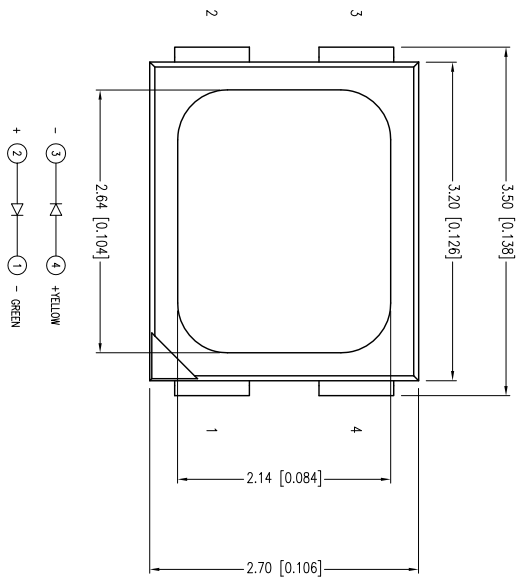


PART NUMBER	SML-LX2835GYC-TR	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
1.18.12	E.C.N. #11798.		A



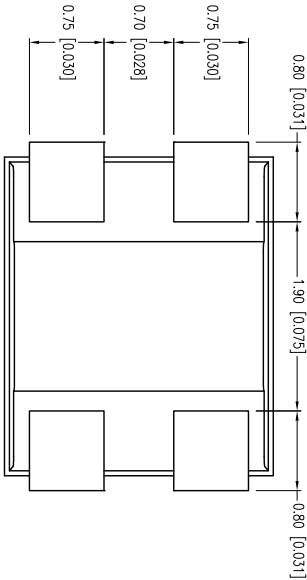
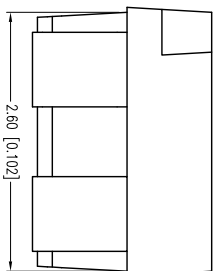
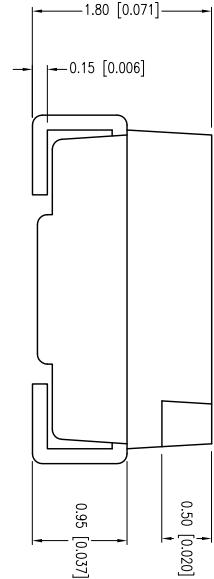
ELECTRO-OPTICAL CHARACTERISTICS $I_A=25^\circ\text{C}$				
PARAMETER	MIN	TYP	MAX	UNITS
PEAK WAVELENGTH (G/Y)	570/585	2.0	2.40	nm
FORWARD VOLTAGE	2.0			V _f
REVERSE VOLTAGE	5.0			V _r
AXIAL INTENSITY (G/Y)	15/25			mcad
VIEWING ANGLE	120			2x theta
EMITTED COLOR:	GREEN/YELLOW			
EPOXY LENS FINISH:	WATER CLEAR LENS			

LIMITS OF SAFE OPERATION AT 25°C			PER CHIP
PARAMETER	MAX		UNITS
PEAK FORWARD CURRENT*	60		mA
STEADY CURRENT	30		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
* I<100A5			

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

LUMIMEX
Creating LED and CO Solutions Together™

425 N GARY AVE
CAROL STREAM, IL 60188
PHONE: 630-315-2150
FAX: 630-315-2151
WEB: WWW.LUMIMEX.COM

2.7mm x 3.2mm SFC MNT W/REFLECTOR CUP, DUAL CHIP, 570nm GREEN, 585nm YELLOW, WATER CLEAR.

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DATE:	02.03.11	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	SS
UNIT:	mm [INCH]		