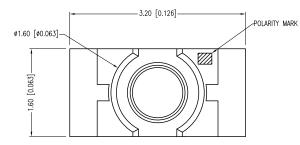
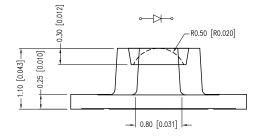
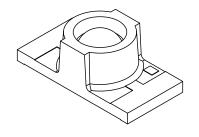
PART NUMBER

SML-LXLC1206SYC-TR

REV.





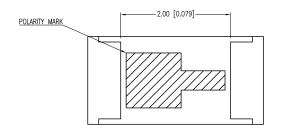


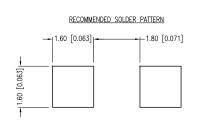
ELECTRO-OPTICAL O	CHARACTERISTICS Ta=25°C	If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100µA
AXIAL INTENSITY		350		mcd	If=20mA
VIEWING ANGLE		70		2x theta	
EMITTED COLOR:	YELLOW				
LENS FINISH:	WATER CLEAR				

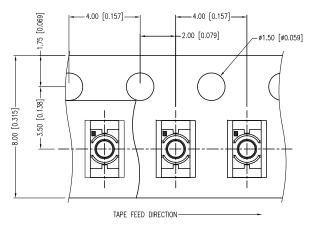
LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	175	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	75	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	*C
STORAGE TEMP.	-40 TO +85	•C
* t<10uS		

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS

-0.23 [0.009]







		LEAD FREE REFLOW PROFILE
		10 SEC. MAX
	255	
) E	160	90-120 SEC.
ATUR	150	
TEMPERATURE (°C)		2°C/SEC. MAX.
	25	TIME

TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.

*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 MAX.= $^{+}$ 0.00 MAX.= $^{+}$ 0.00 PRECISION MAX.= $^{+}$ 0.00 PR

1.6mm X 3.2mm, SMT LED WITH LENS, 590nm YELLOW

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

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ON	UNCONTROLL	ED DOCUMENT		
	DATE: 08.16.13	DRAWN BY: MA		
	PAGE: 1 OF 1	CHKD BY: KF		
	SCALE: NTS	APRVD BY: KF		
	UNIT: mm [INCH]	Ph		



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