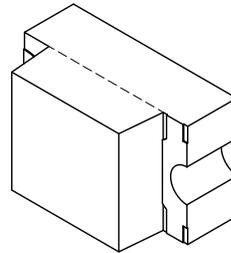
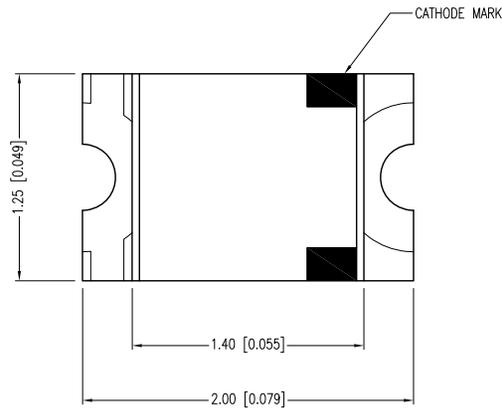
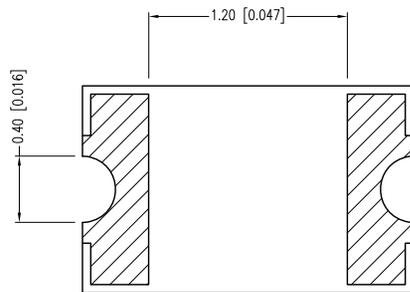
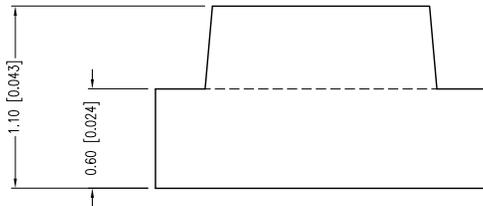


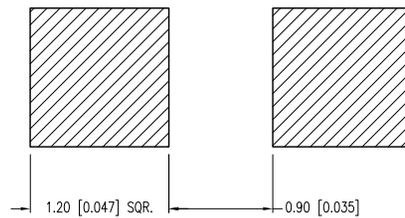
PART NUMBER	SML-LX0805SIC-TR	REV.	E
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.09.02	E.C.N. #10862.		A
03.14.03	E.C.N. #10967.		B
01.17.05	E.C.N. #11148.		C
03.06.09	E.C.N. #11508.		D
05.07.12	E.C.N. #10BRDR & REDRAWN.		E



ANODE CATHODE



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100µA
AXIAL INTENSITY		60		mcd	If=20mA
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	RED				
LENS FINISH:	WATER CLEAR				

A 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	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +90	°C

* t<10µS

D B CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 2 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}/_{-0.00} DECIMAL PRECISION MAX.= ^{+0.00}/_{-0.00} DECIMAL PRECISION



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MEMBER OF ITW PHOTONICS GROUP

2.0mm x 1.25mm PCB SURFACE MOUNT, 636nm AMBER LED, WATER CLEAR LENS, TAPE AND REEL, 3K PER REEL.

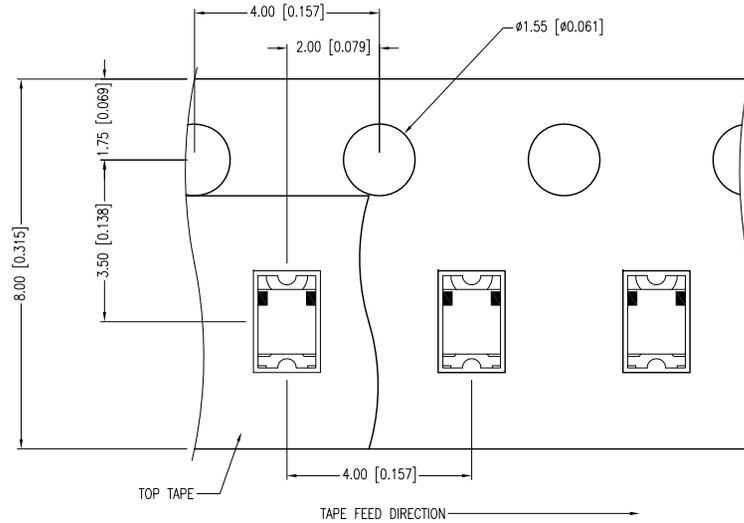
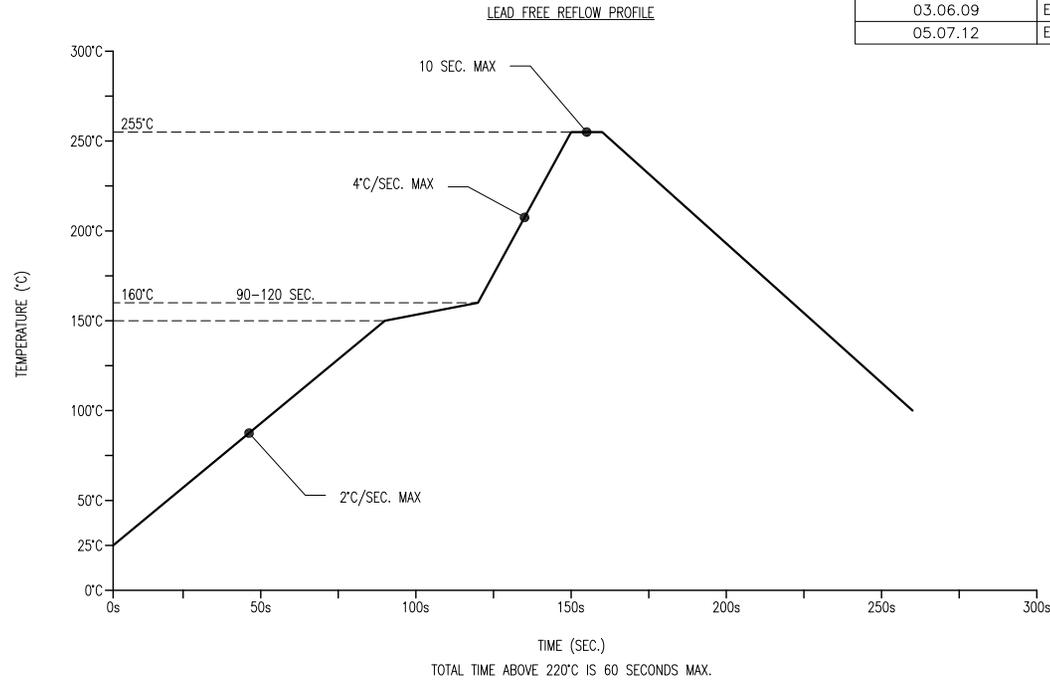
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DATE:	05.07.12	DRAWN BY:	AB
PAGE:	1 OF 2	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		



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05.07.12	E.C.N. #10BRDR & REDRAWN.		E



NOTES:

1. POLARITY MARK IS ORIENTED TOWARDS TAPE SPROCKET HOLE.

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