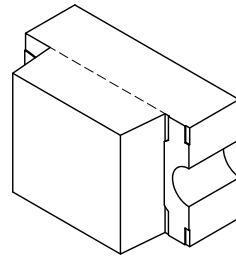
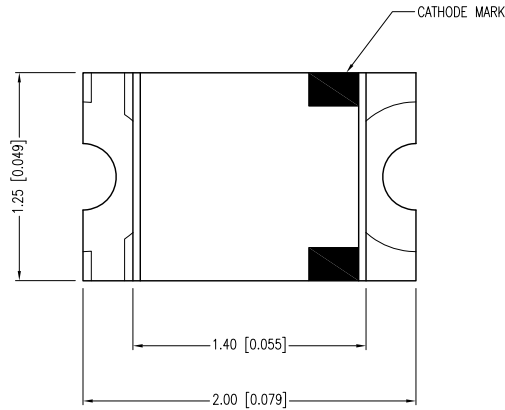

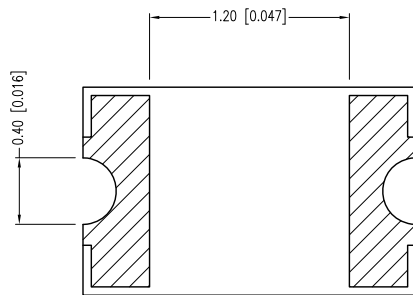
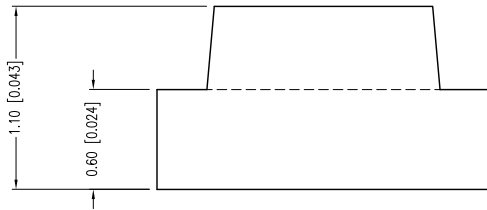


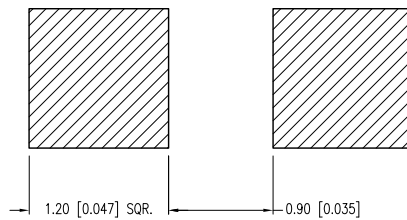
PART NUMBER	SML-LX0805UWC-TR	REV.	F
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.09.02	E.C.N. #10862.		A
03.14.03	E.C.N. #10967.		B
01.17.05	E.C.N. #11148.		C
03.06.09	E.C.N. #11508.		D
05.07.12	E.C.N. #10BRDR. & REDRAWN.		E
08.25.14	E.C.N. #11917.		F



ANODE  CATHODE



RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C If=350mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
FORWARD VOLTAGE		2.9	3.6	Vf	If=20mA
REVERSE VOLTAGE	5.0			Vr	Ir=10µA
AXIAL INTENSITY*	112		360	mcđ	If=20mA
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	WHITE				
LENS FINISH:	YELLOW DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	SYMBOL	MAX	UNITS
PULSE FORWARD CURRENT	Ip	100	mA
STEADY CURRENT	If	25	mA
POWER DISSIPATION	Id	95	mW
OPERATING TEMP.	ToPR	-40 TO +85	°C
STORAGE TEMP.	Sstg	-40 TO +90	°C

*DUTY 1/10 PULSE WIDTH 10ms

[D] [B] CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 2 STANDARDS

CAUTION: STATIC SENSITIVE 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}



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MEMBER OF ITW PHOTONICS GROUP

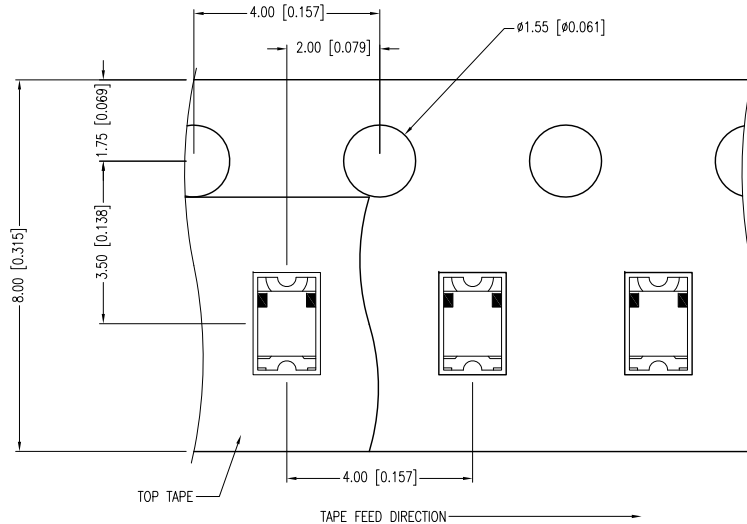
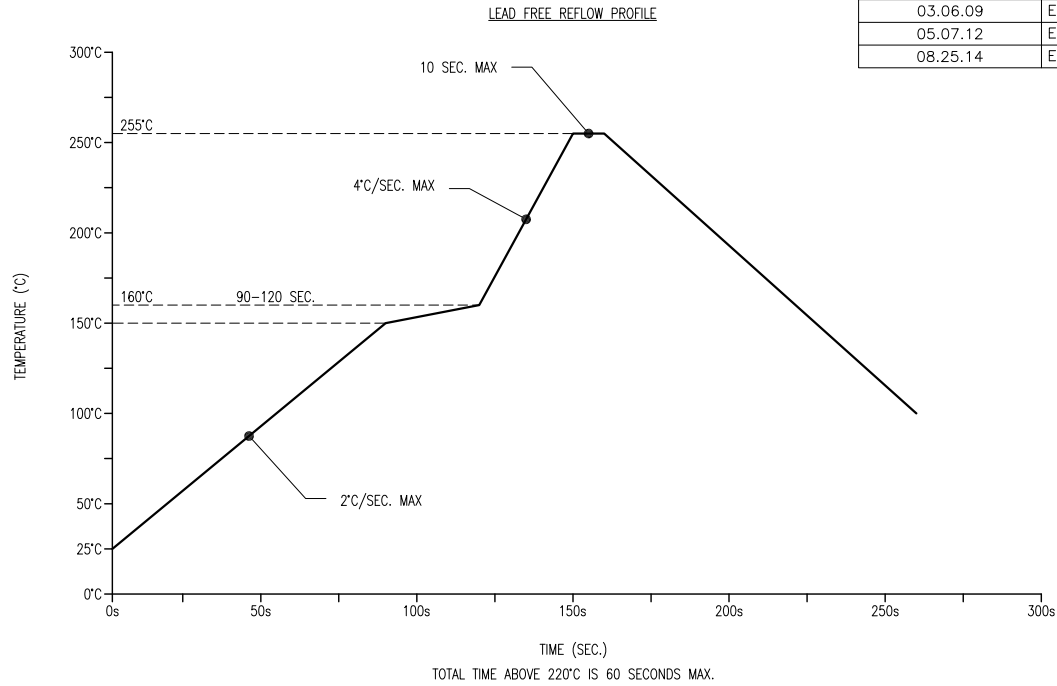
2.0mm x 1.25mm PCB SURFACE MOUNT, WHITE, WATER CLEAR, TAPE & REEL.

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

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

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08.25.14	E.C.N. #11917.		F



NOTES:

1. POLARITY MARK IS ORIENTED TOWARDS TAPE SPROCKET HOLE.

*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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2.0mm x 1.25mm PCB SURFACE MOUNT, WHITE, WATER CLEAR, TAPE & REEL.

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