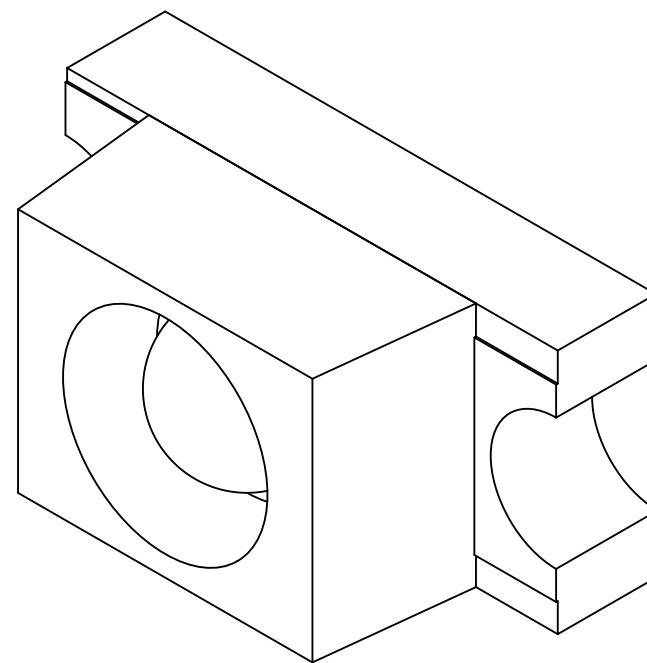
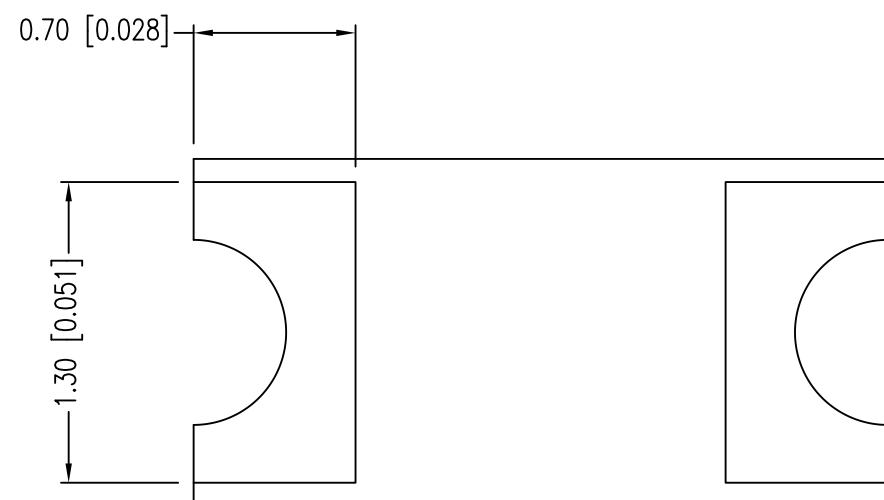
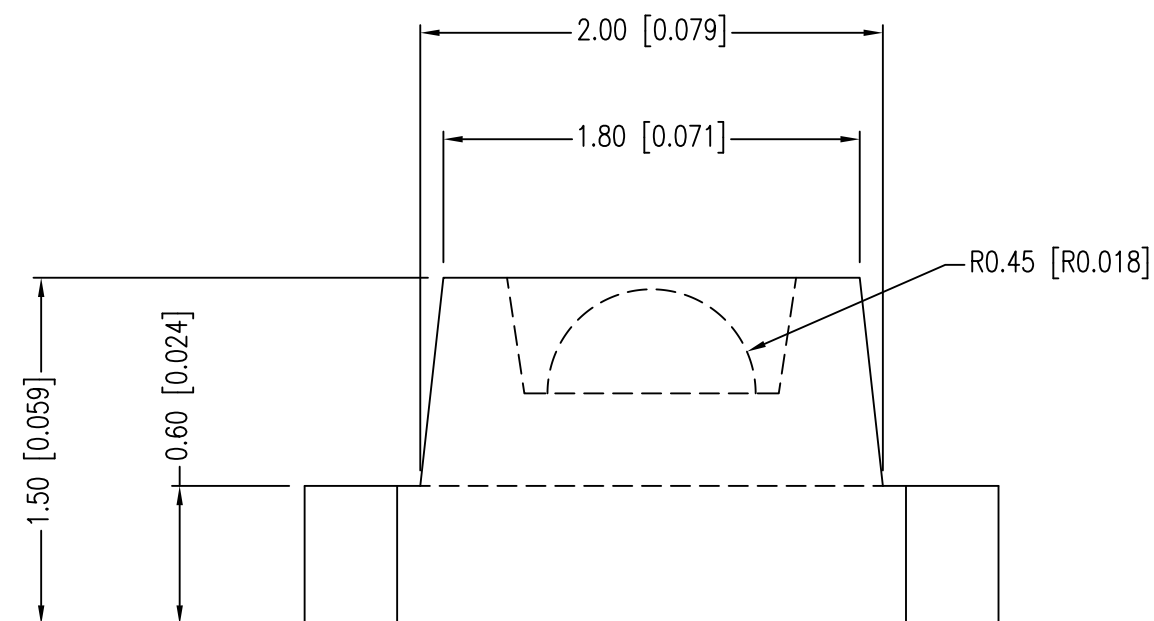
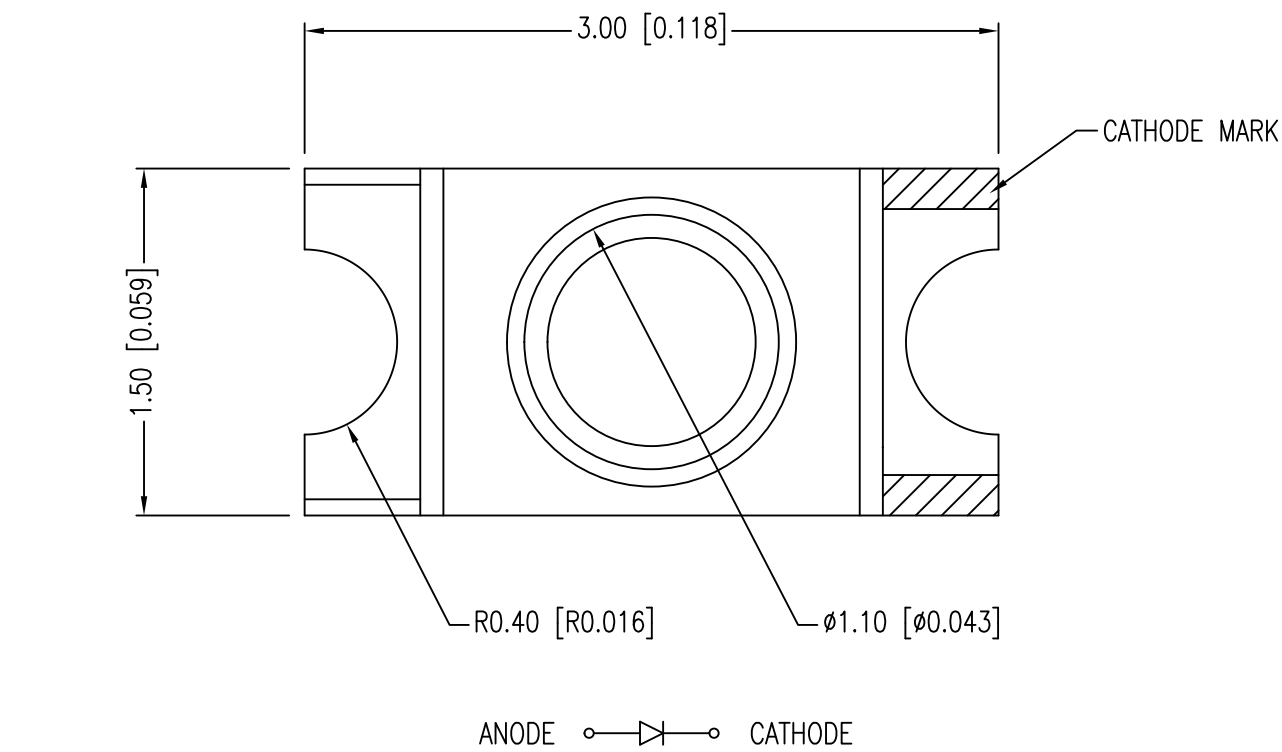
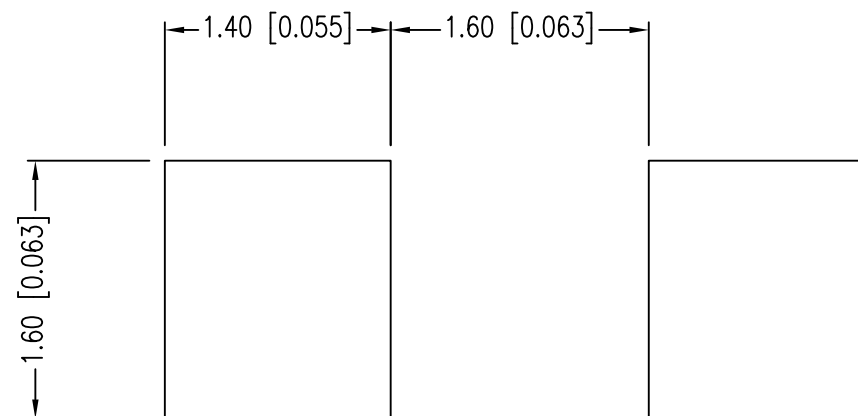


UNCONTROLLED DOCUMENT



RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER	SML-LXL1206YC-TR	REV.	F
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
03.30.98	E.C.N. #10BRDR. & REDRAWN.		A
01.08.01	E.C.N. #10695.		B
03.14.03	E.C.N. #10967.		C
05.26.10	E.C.N. #11508.		D
10.12.10	E.C.N. #11665.		E
11.15.18	ECN-Lumex201800168		F

ELECTRO—OPTICAL CHARACTERISTICS		T _A =25°C		I _f =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.8	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100uA
AXIAL INTENSITY		16		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta 1/2	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR LENS				

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.	-30 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

* $t < 10\mu\text{S}$

CAUTION: MOISTURE SENSITIVE DEVICE
PER JEDEC LEVEL 3 STANDARDS

NOTES:

1. THE CATHODE IS ORIENTED
TOWARDS THE 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.= $\frac{+DECIMAL\ PRECISION}{-0.00}$ MAX.= $\frac{+0.00}{-DECIMAL\ PRECISION}$

LUMEX®
Creating LED and LCD Solutions Together™

425 N. GARY AVE.
CAROL STREAM, IL 60188-4900
PHONE: 800-278-5666
FAX: 630-315-2152
WEB: WWW.LUMEX.COM

3.0mm x 1.5mm PCB SURFACE MOUNT WITH LENS, 585nm YELLOW LED, WATER CLEAR, TAPE & REEL.

****THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE.****

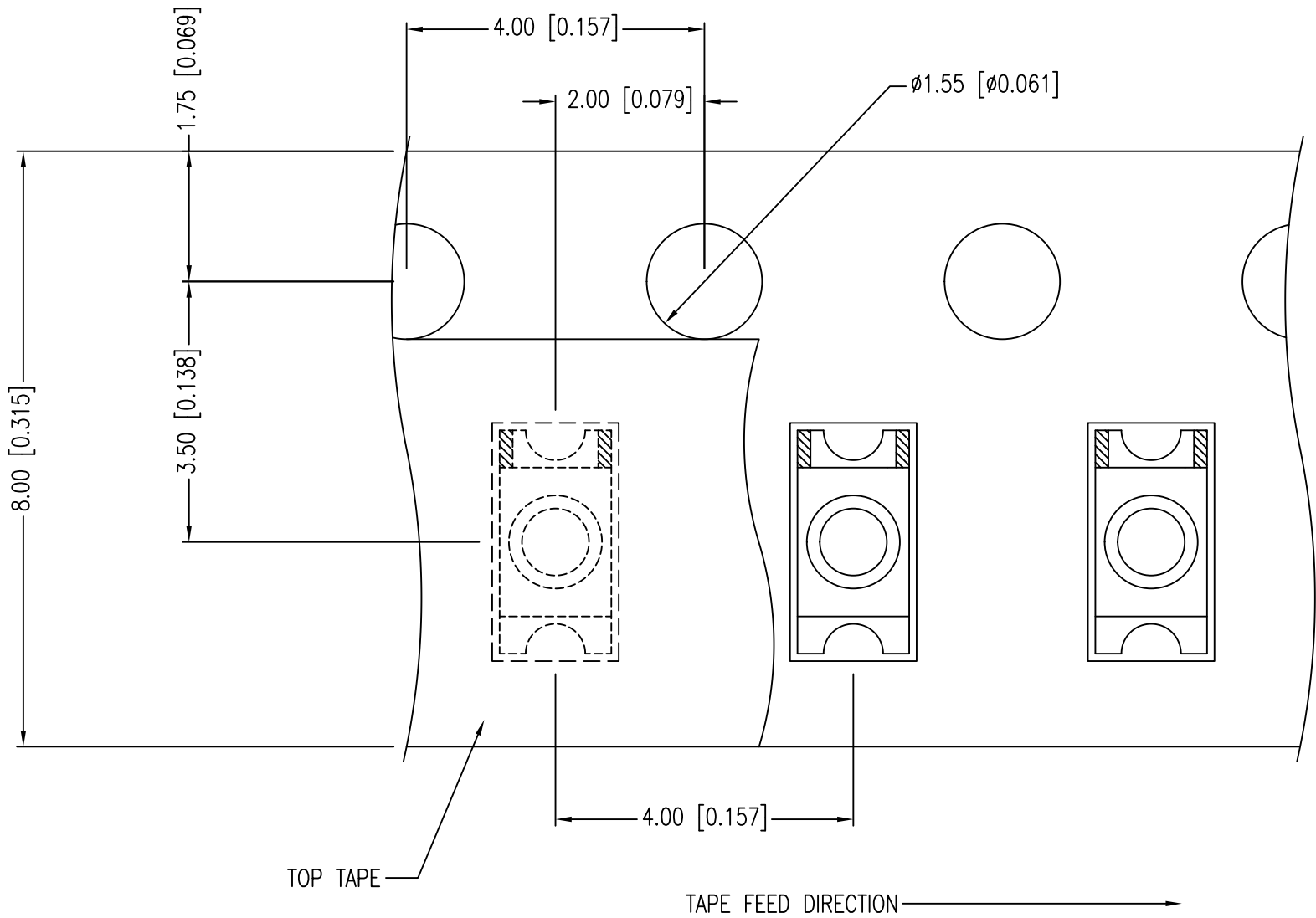
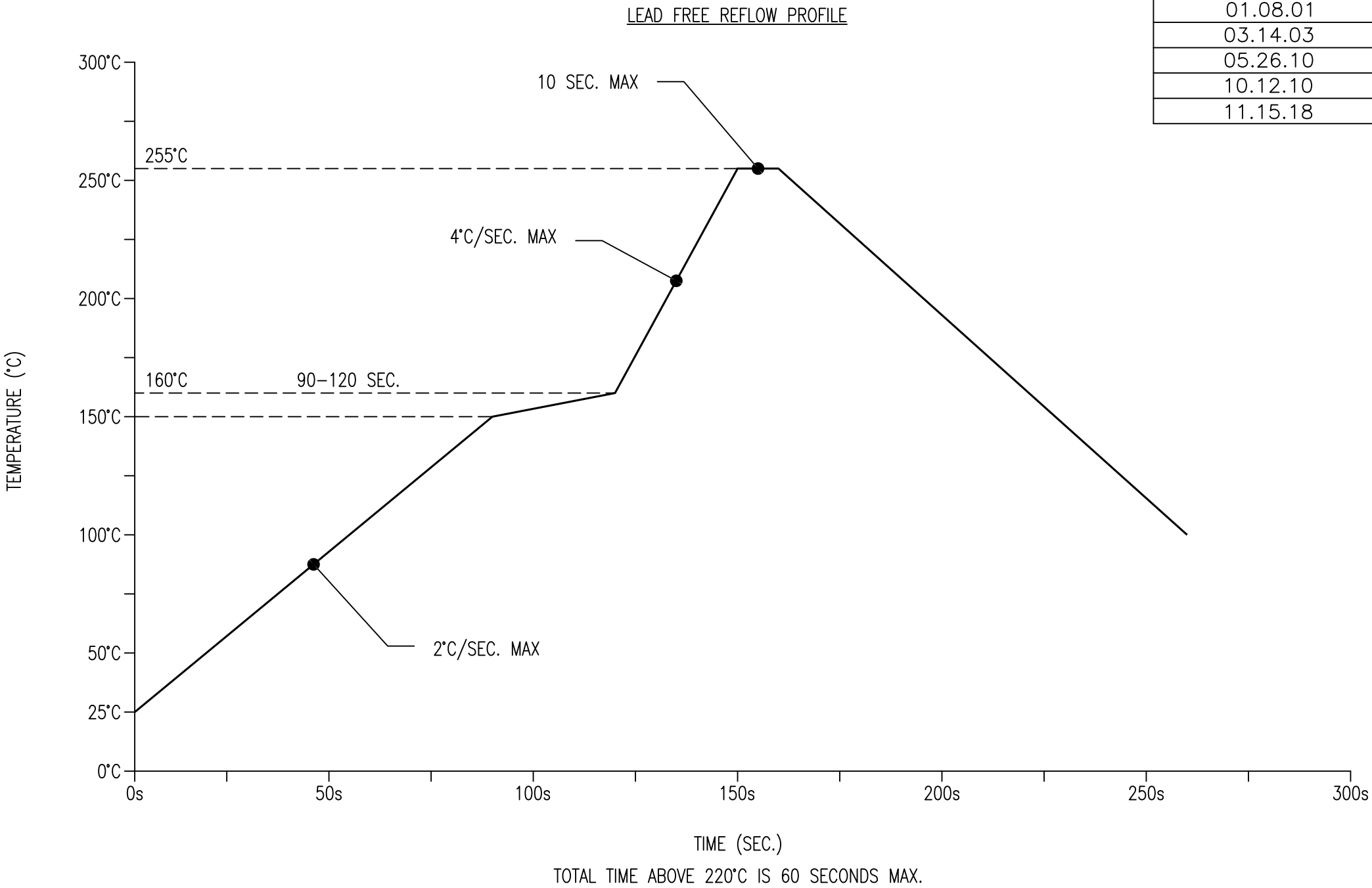
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DATE: 11.15.18	DRAWN BY: C.S.
PAGE: 1 OF 2	CHKD BY: E.C.
SCALE: NTS	APRVD BY: G.Y.
UNIT: mm [INCH]	

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