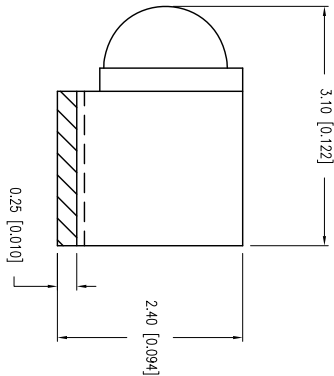
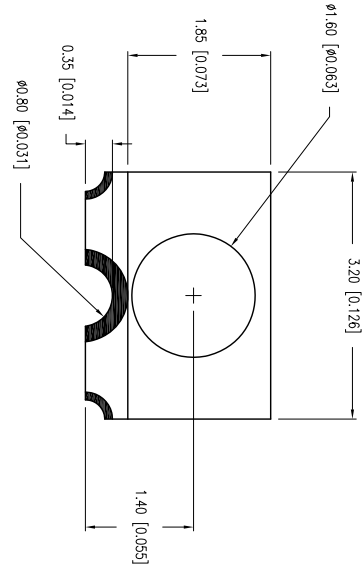


PART NUMBER		SMF-2432SIC-TR		REV.	D
DATE		E.C.N. NUMBER AND REVISION COMMENTS			
08.30.01	E.C.N. #10781.				A
09.23.02	E.C.N. #10912.				B
01.15.07	E.C.N. #11148.				C
11.06.08	E.C.N. #11540.				D
10.21.13	E.C.N. #11882.				E



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	636		2.6	nm	$I_f=20\text{mA}$
FORWARD VOLTAGE	2.0			V_f	$I_f=100\mu\text{A}$
REVERSE VOLTAGE	5.0			V_r	$I_f=20\text{mA}$
AXIAL INTENSITY	60			mcd	
VIEWING ANGLE	110			2θ theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

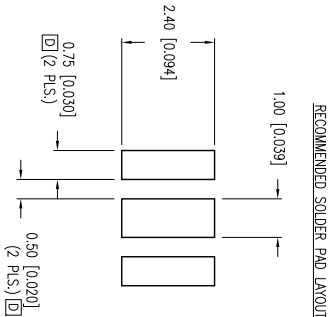
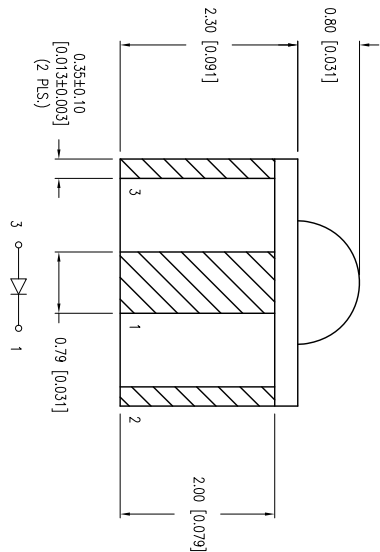
LIMITS OF SAFE OPERATION AT 25°C

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.	-25 TO +75	°C
STORAGE TEMP.	-30 TO +85	°C

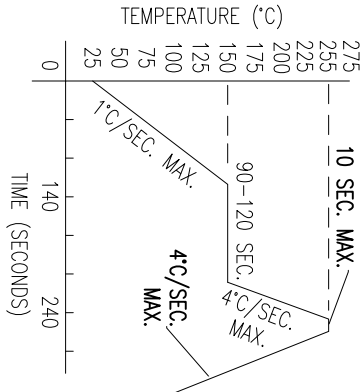
* $t < 10\text{ms}$

NOTES:

[B] 1. 500 PIECES PER REEL.



[C] PB FREE REFLOW PROFILE



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (+0.039), XX=±0.5 (+0.020), XXX=±0.127 (+0.005), LEAD SIZE=±0.05 (+0.002), LEAD LENGTH=±0.75 (+0.030), MIN= -0.00

UNCONTROLLED DOCUMENT

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DATE: 02.27.01
PAGE: 1 OF 1
SCALE: NTS
UNIT: mm [INCH]

DRAWN BY: JC
CHKD BY: --
APRD BY: --
REV: (B)