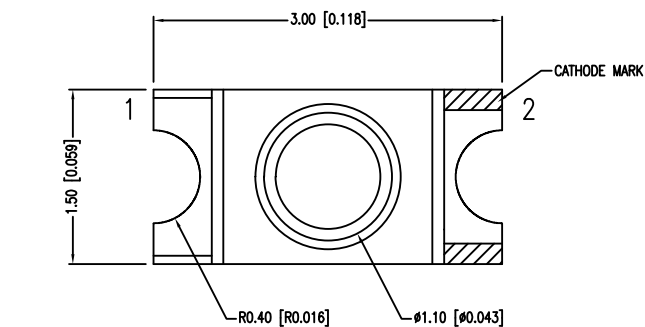
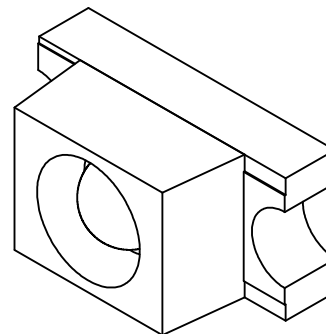
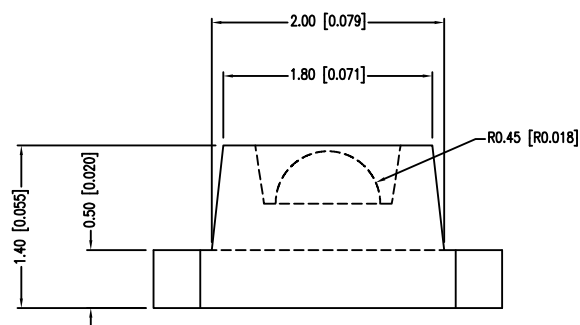


1 $\leftrightarrow$ 2ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$

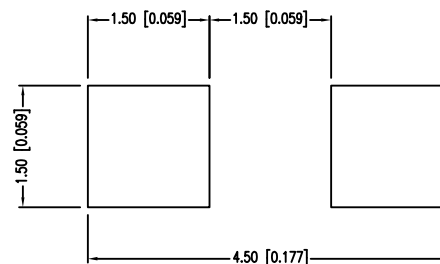
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		630		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE			5.0	V_r	$I_f=100\mu\text{A}$
LUMINOUS INTENSITY		3000		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		40		2x theta	
EMITTED COLOR:	ORANGE				
EPOXY LENS FINISH:	WATER CLEAR LENS				

LIMITS OF SAFE OPERATION AT 25°C

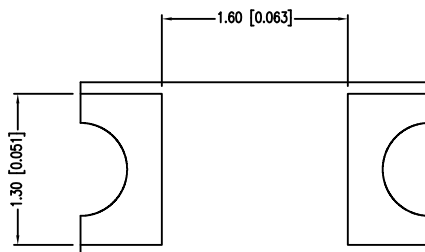
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	125	mA
FORWARD CURRENT	30	mA
POWER DISSIPATION	75	mW
OPERATING TEMP.	-40 TO +80	$^\circ\text{C}$
STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$

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

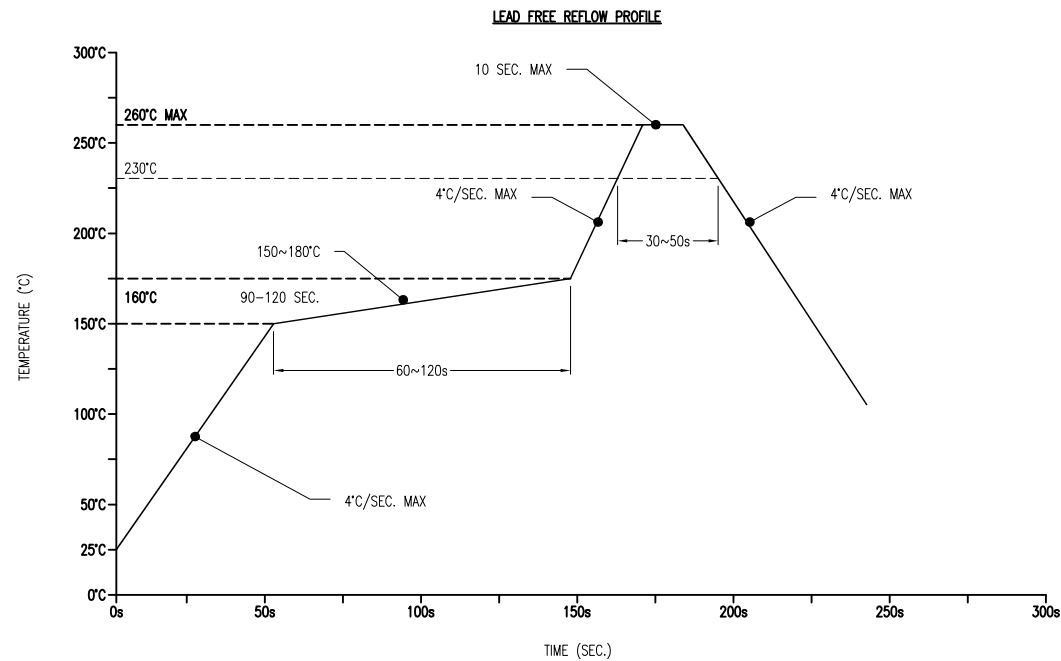
RECOMMENDED SOLDER PAD LAYOUT



CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.

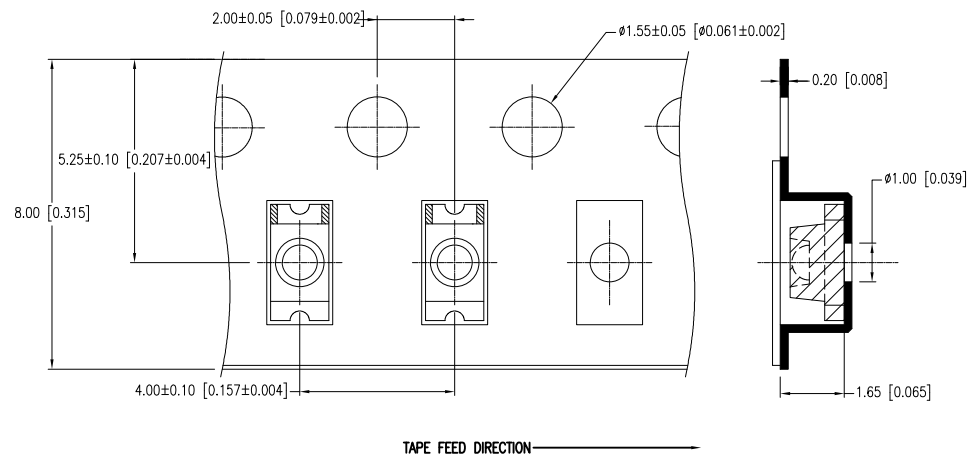


*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $\begin{smallmatrix} \text{DECIMAL PRECISION} \\ -0.00 \end{smallmatrix}$ MAX= $\begin{smallmatrix} \text{DECIMAL PRECISION} \\ +0.00 \end{smallmatrix}$



NOTES:

1. THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
2. 3000 pcs/REEL



*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}



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

3.0mm x 1.6mm PCB SURFACE MOUNT WITH LENS, 630nm ULTRA SUPER ORANGE LED, WATER CLEAR, TAPE & REEL.

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

CONFIDENTIAL INFORMATION
THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES.

DATE:	12.09.16	DRAWN BY:	K.Y.
PAGE:	2 OF 2	CHKD BY:	G.Y.
SCALE:	NTS	APRVD BY:	R.C.
UNIT:	mm [INCH]		Ⓟ