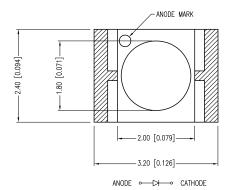
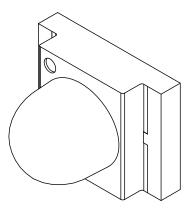
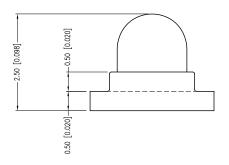
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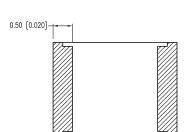
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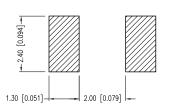








## RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL	CHARACTERISTICS Ta=25	*C If=20mA			
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE	1.7	2.1	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=10µA
AXIAL INTENSITY	800	1600		mcd	If=20mA
VIEWING ANGLE		15		2x theta	
EMITTED COLOR:	RED				
LENS FINISH:	WATER CLEAR				

PARAMETER	MAX	UNITS	
PEAK FORWARD CURRENT*	125	mA	
STEADY CURRENT	30	mA	
POWER DISSIPATION	75	mW	
DERATE FROM 25°C	-1.2	mW/*C	
OPERATING TEMP.	-40 TO +80	•C	
STORAGE TEMP.	-40 TO +85	•c	

CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 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=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  MAX.=  $^{+0.00}_{-0.00}$  PRECISION ARE: X=±1 (±0.039), X.X=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN=  $^{+DECIMAL}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$  PRECISION MAX.=  $^{+0.00}_{-0.00}$ LINICONTROLLED DOCLIMENT



425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM MEMBER OF ITW PHOTONICS GROUP 3.2x2.4mm SURFACE MOUNT LED, 636nm RED, WATER CLEAR LENS, TAPE & REEL.

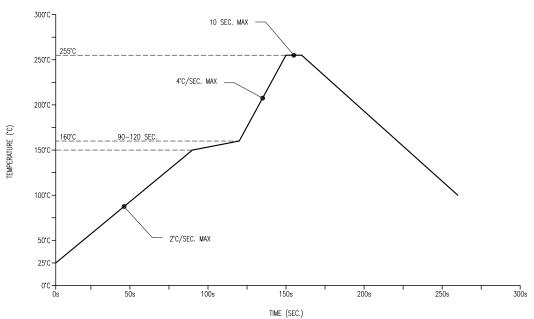
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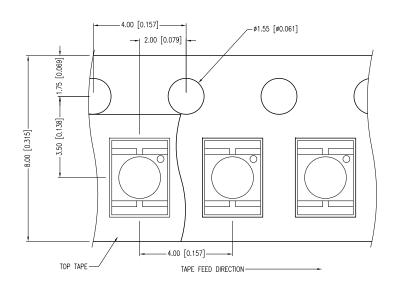
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	UNIT:	mm [INCH]		(Pb)	

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TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



1. CATHODE MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

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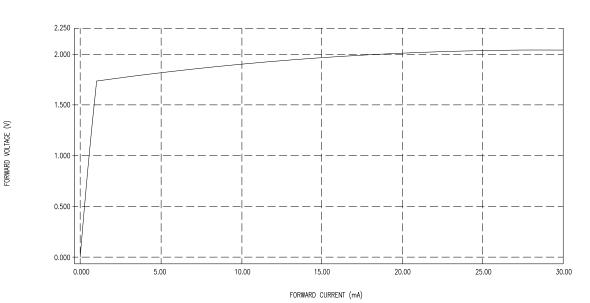
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FORWARD CURRENT VS. FORWARD VOLTAGE



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