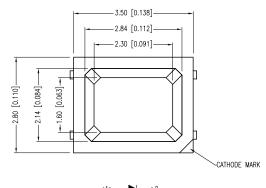
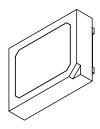
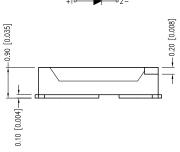
PART NUMBER

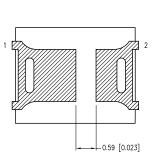
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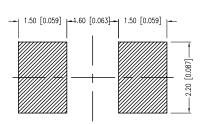








RECOMMENDED SOLDER PAD LAYOUT



ELECTRO-OPTICAL CH	ARACTERISTICS	Га=25 ° С	If=20mA			
PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			636		nm	
FORWARD VOLTAGE	Vf	1.8	2.1	2.4	Vf	
REVERSE VOTLAGE	Vr	5.0			Vr	Ir=10µA
LUMINOUS INTENSITY	IV		1500		mcd	If=20mA
VIEWING ANGLE			120		2x theta	
EMITTED COLOR:	RED					
LENS FINISH:	WATER CLEAR					

	LIMITS	OF	SAFE	OPERATION	ΑT	25°C	
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PARAMETER	MAX	UNITS
DC FORWARD CURRENT	60	mA
STEADY CURRENT	160	mA
POWER DISSIPATION	180	mW
DERATE FROM 25°C	-1.25	mW/*C
OPERATING TEMP.	-40 TO +80	*C
STORAGE TEMP.	-40 TO +85	•c

*1/10 DUTY CYCLE, 0.1ms PULSE WIDTH.

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

> 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= +0ECIMAL PRECISION MAX. = +0.00 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +0ECIMAL PRECISION MAX. = +0.00 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +0ECIMAL PRECISION MAX. = +0.00 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +0ECIMAL PRECISION MAX. = +0.00 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +0ECIMAL PRECISION MAX. = +0.00 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +0ECIMAL PRECISION MAX. = +0.00 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +0ECIMAL PRECISION MAX. = +0.00 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= +0ECIMAL PRECISION MAX. = +0.00 (±0.002), LEAD LENGTH=±0.000 (±0.002),

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

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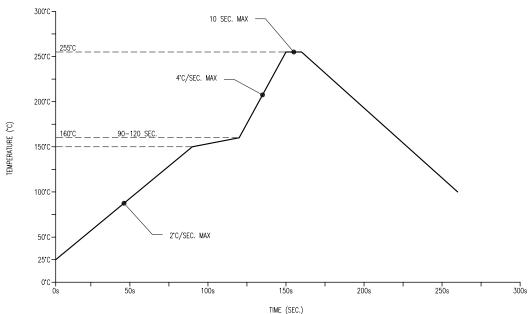
3.5mm x 2.8mm 0.2W SMT LED, 636nm RED, WATER CLEAR, TAPE & REEL.

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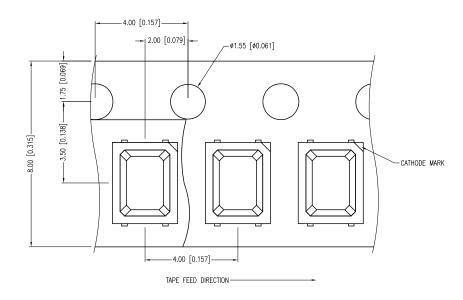
425 N. GARY AVE. CAROL STREAM, IL 60188-4900 PHONE: +1.800.278.5666 FAX: +1.630.315.2152 WEE: WWW.LUMEX.COM MEMBER OF 177W PHOTONICS GROUP

REV.





TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL 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.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00$



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 3.5mm x 2.8mm 0.2W SMT LED, 636nm RED, WATER CLEAR, TAPE & REEL.

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