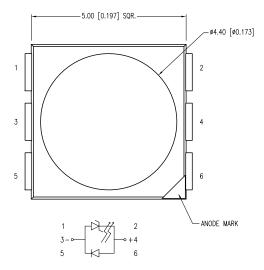
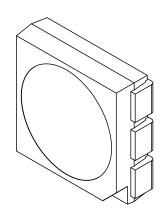
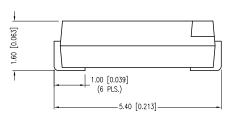
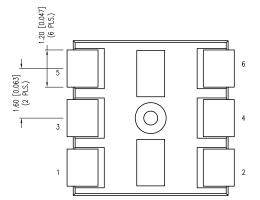
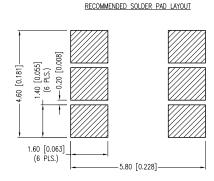
REV.











LECTRO-OPTICAL CH	ARACTERISTICS	Ta=25°C	If=20mA			
PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
ORWARD VOLTAGE	Vf		3.2	3.3	Vf	
REVERSE VOTLAGE	Vr	5.0			Vr	Ir=100µA
UMINOUS FLUX*	lv	19	19.7	20.3	lm	
COLOR TEMPERATURE		6500	6725	6950	K	
/IEWING ANGLE			120		2x theta	
MITTED COLOR:	COOL WHITE					
ENS FINISH:	WATER CLEAR					

*LUMINOUS FLUX TESTING CONDITION 550nm WAVELENGTH.

IMITS	OF	SAFF	OPERATION	ΑT	25°C	

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	80	mA
POWER DISSIPATION	315	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-30 TO +85	•C
STORAGE TEMP.	-40 TO +85	•C
* t<10µS		

ZENER DIODE

ELITER DIODE						
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND	_
REVERSE LEAKAGE CURRENT			0.5	μA	Vr=5V	
ZENER VOLTAGE	5.8	6.3	6.8	٧	Iz=5mA	
FORWARD VOLTAGE			1.2	V	If=20mA	
						_

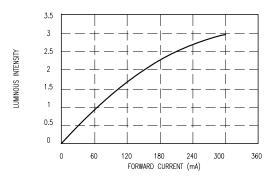
COLOR	CIE-X	CIE-Y
	0.3288	0.3525
COOL WHITE	0.3153	0.3390
COOL WHILE	0.3167	0.3259
	0.3290	0.3387

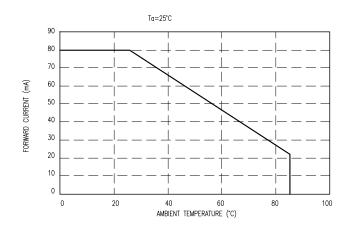
CAUTION: MOISTURE SENSITIVE DEVICE PER JEDEC LEVEL 3 STANDARDS

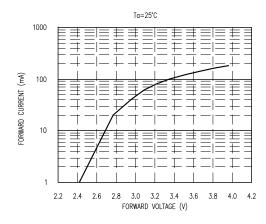
CAUTION: STATIC SENSITIVE DEVICE FOLLOW PROPER E.S.D. HANDLING PROCEDURES WHEN WORKING WITH THIS PART.

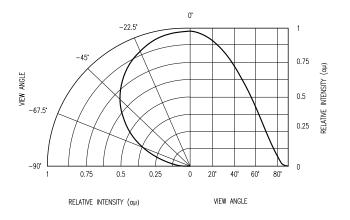
*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 0.005). LEAD SIZE= ± 0.05 (± 0.002), LEAD LENGTH= ± 0.75 (± 0.030). MIN= ± 0.001 MAX.=							
425 N. GARY AVE.	5.0x5.0mm SML W/REFLECTOR, WHITE, WATER CLEAR, TAPE & REEL.	DATE:	6.28.12	DRAWN BY:	AB		
CAROL STREAM, IL 60188–4900 PHONE: +1.800.278.5666	**THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.**		1 OF 3	CHKD BY:	DT		
FAX: +1.630.315.2152 WEB: WWW.LUMEX.COM	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	SCALE:	NTS	APRVD BY:	DT		
Creating LED and LCD Solutions Together* MEMBER OF ITW PHOTONICS GROUP		UNIT: m	nm [INCH]	(Pb)			











*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.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$ PRECISION ARE: X=±1 (±0.039), X.XX=±0.5 (±0.020), X.XX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD SIZE=±0.05 (±0.003). MIN= $^{+0.00}_{-0.00}$ MAX.= $^{+0.$ 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 5.0x5.0mm SML W/REFLECTOR, WHITE, WATER CLEAR, TAPE & REEL.

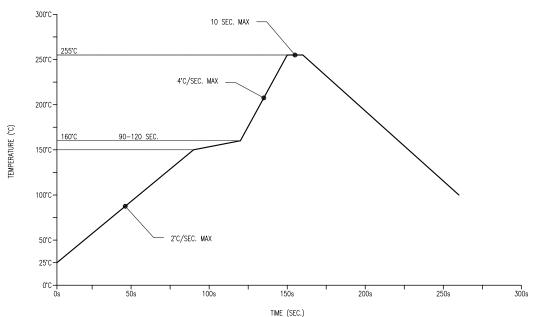
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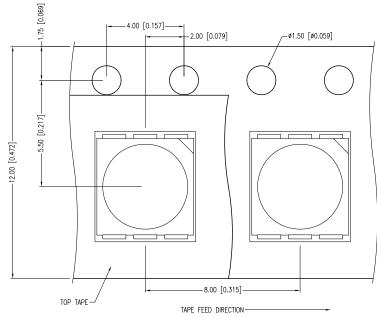
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	UNIT: mm [INCH]		Po	

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=±0.25 (±0.010), X.XXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= $^{+0.00}_{-0.00}$ MAX.= $^{+0.00}_{-0.00}$

- 1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
- 2. 1,000 PIECES PER REEL.

425 N. GARY AVE.

Creating LED and LCD Solutions Together™

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UNCONTROLLED DOCUMENT DATE: DRAWN BY: 6.28.12 AΒ PAGE: 3 OF 3 CHKD BY: DT SCALE: NTS APRVD BY: DT UNIT: mm [INCH] (Pb)