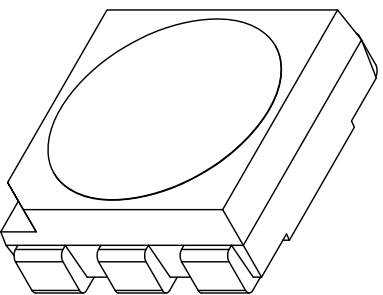
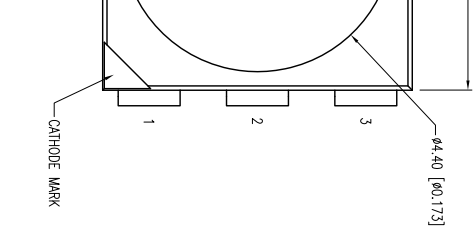




PART NUMBER	SML-LX5050UPGC-TR	REV.	A
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ELECTRO-OPTICAL CHARACTERISTICS  $T_0=25^{\circ}\text{C}$   $I=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		525		nm	
FORWARD VOLTAGE	2.8	3.4	3.7	V <sub>f</sub>	$I=10\mu\text{A}$
REVERSE VOLTAGE	5.0			V <sub>r</sub>	$I=20\text{mA}$
AXIAL INTENSITY		800	1250	md	
VIEWING ANGLE		120		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	WATER CLEAR				

NOTE: VALUES ARE PER DIE.

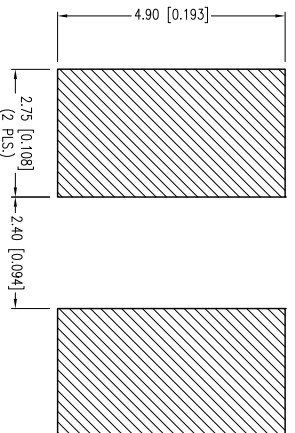
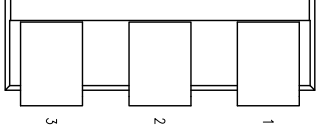
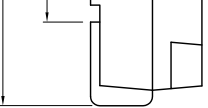
LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	125	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	110	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C

\* I<100μS

NOTE: VALUES ARE PER DIE.

**CAUTION: MOISTURE SENSITIVE DEVICE  
PER JEDEC LEVEL 3 STANDARDS**



RECOMMENDED SOLDER PAD LAYOUT

X±1 (+0.039), X-X±0.05 (+0.020), X-XX±0.25 (+0.010), X-XXX±0.127 (+0.009), LEAD SIZE±0.05 (+0.002), LEAD LENGTH±0.75 (+0.030), MIN±0.001, DECIMAL PRECISION MAX±0.010, DECIMAL PRECISION  
 EN ROAD 60067-69/76  
 947,359,2790  
 3,59,6538  
 LUXEY.COM  
**LUXEY PHOTONICS GROUP**

5.0x5.0mm SML W/REFLECTOR, 525nm GREEN, WATER CLEAR, TAPE & REEL.  
 \*\*THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT\*\*

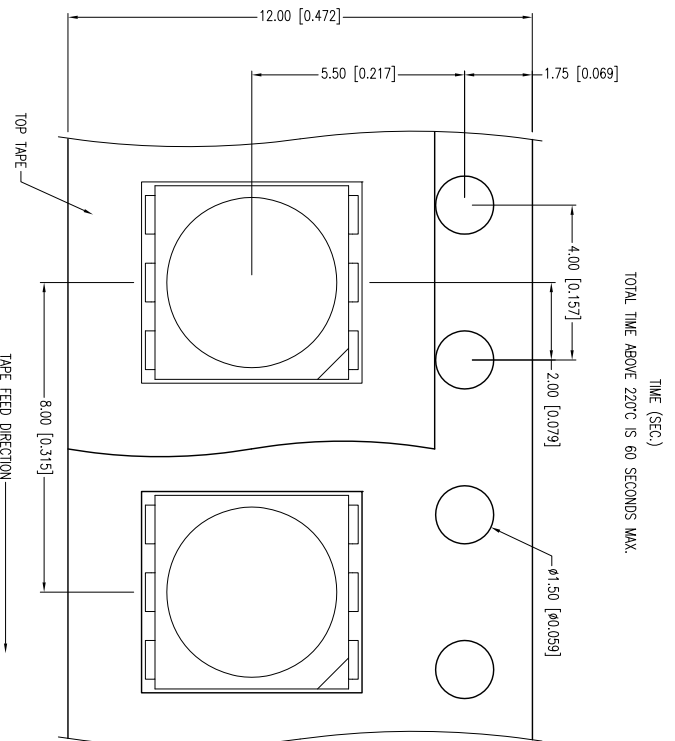
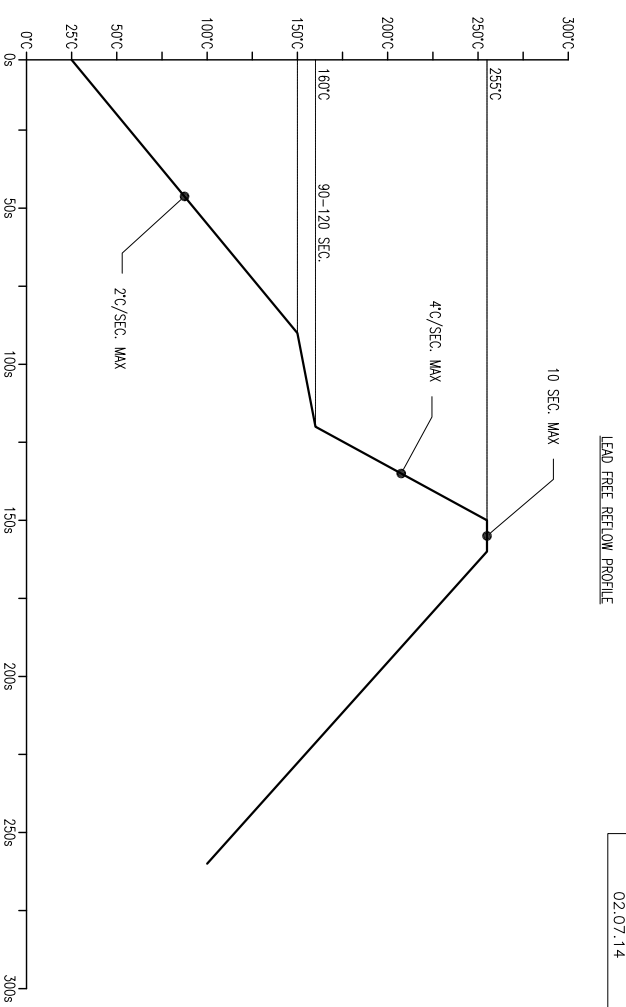
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02.07.14			REV.	A
	E.C.N. #11896.			



- NOTES:
1. THE POLARITY MARK IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
  2. 3,000 PIECES PER REEL.

ENR RD00 60067-6976  
LUXEY.COM 3.59.6538  
/TW PHOTONICS GROUP

±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 DECMAL PRECISION MAX.= +0.00 -0.00 DECMAL PRECISION

5.0x5.0mm SML W/REFLECTOR, 525nm GREEN, WATER CLEAR, TAPE & REEL.

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## Looking for pricing, stock, or lifecycle information?

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- ⊖ [Lumex Opto/Components Inc. Information](#)

## Optimize Your Supply Chain with WIN SOURCE Solutions

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- ✓ Obsolete Management
- ✓ Cost Control Management
- ✓ Shortage Management
- ✓ Alternative Solution
- ✓ Excess Inventory Management