



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



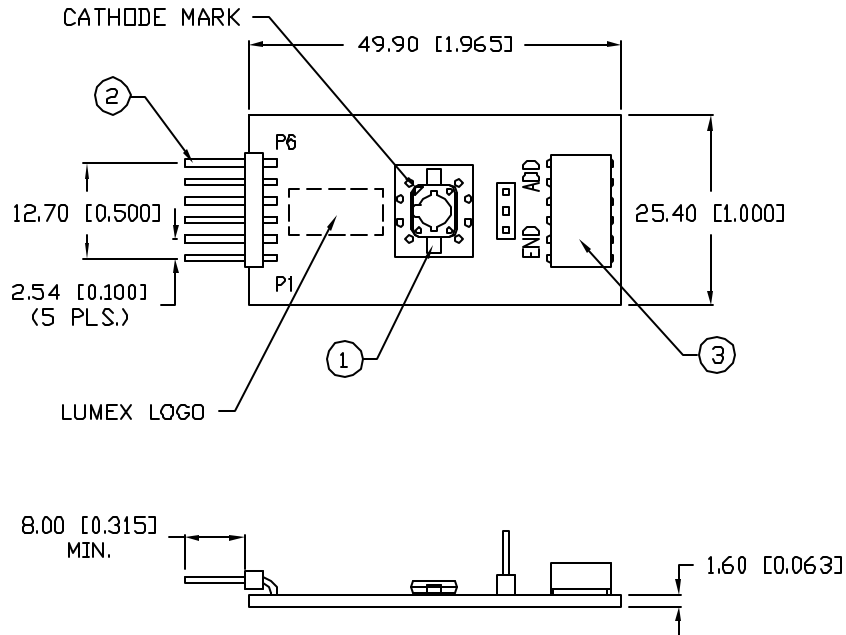
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ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			590		nm	
FORWARD VOLTAGE	V_f		2.0	2.9	V	$I_f=350\text{mA}$
REVERSE VOLTAGE	V_r	5			V	$I_f=10\mu\text{A}$
AXIAL INTENSITY	I_v	23		39	lm	$I_f=350\text{mA}$
VIEWING ANGLE			120		$2x \theta$	
EMITTED COLOR:					YELLOW	
EPOXY LENS FINISH:					CLEAR	

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	500	mA
STEADY CURRENT	350	mA
POWER DISSIPATION	1.5	W
DERATE FROM 25°C	-1.2	mW/ $^{\circ}\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^{\circ}\text{C}$

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

NOTES:

1. SML-LX2723SYC-TR
2. MOLEX 22-28-8063 OR EQUIVALENT
3. TYCO AMP 535676-5 OR EQUIVALENT
4. ANY 3 POSITION 0.100" HEADER W/JUMPER

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X= ± 1 (± 0.039), XX= ± 0.5 (± 0.020), XXX= ± 0.25 (± 0.010), XXXX= ± 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

REV.

PART NUMBER

LXP-LIGHTENGINE-Y

1 WATT HIGH POWER LED, 590nm SUPER YELLOW,
PCB, W/CONNECTORS.

CONFIDENTIAL INFORMATION

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RELIABILITY NOTE

OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE. PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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SCALE: N/A

