



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C

PARAMETER	SYMBOL	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			525		nm	
FORWARD VOLTAGE	V _f		3.2	4.0	V	I _f =350mA
REVERSE VOLTAGE	V _r	5			V	I _r =10µA
AXIAL INTENSITY	I _v	33		60	lm	I _f =350mA
VIEWING ANGLE			120		2x theta	
EMITTED COLOR:	GREEN					
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	2.0	W
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

*T<10µS

NOTES:

1. SML-LX2723UPGC-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-G

1 WATT HIGH POWER LED, 525nm ULTRA PURE GREEN,
PCB, W/CONNECTORS.

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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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