

UNCONTROLLED DOCUMENT

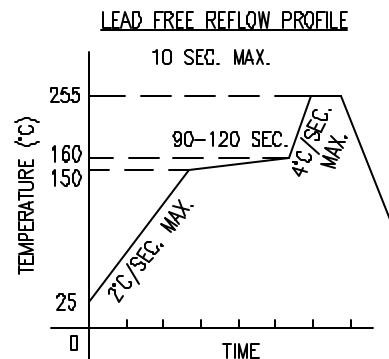
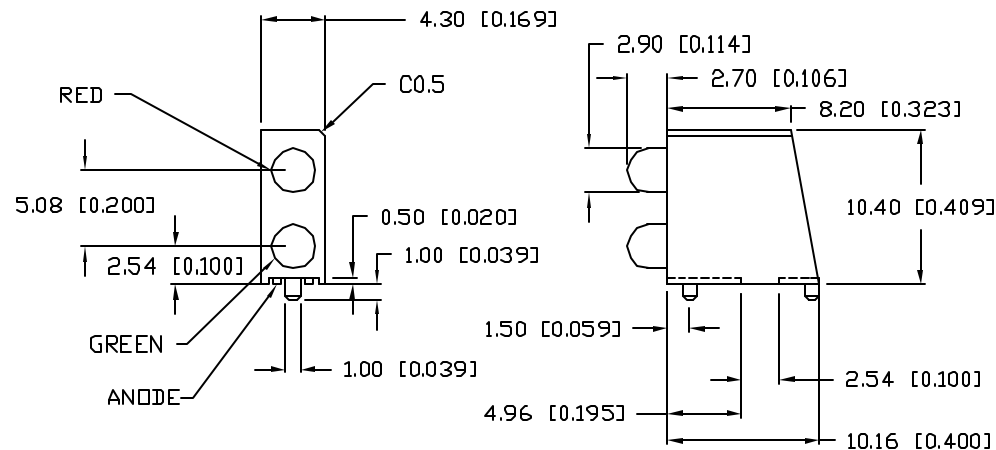
PART NUMBER

SMF-LXH240SISUGD

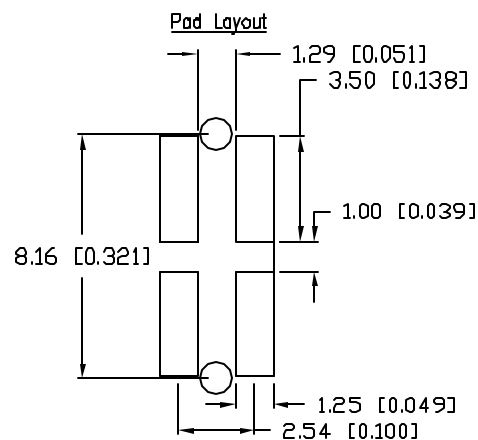
REV.

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REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #11422	6.11.07



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C			I _f =20mA		
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574 (GREEN)		nm	
		636 (RED)		nm	
FORWARD VOLTAGE (G/R)		2.2/2.0	2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY (G/R)		30		mcd	I _f =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	COLOR DIFFUSED PER POSITION				

LIMITS OF SAFE OPERATION AT 25°C PER LED			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	{G/R}	25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		- 1.2	mW/°C
OPERATING, STORAGE TEMP.		- 40 TO +85	°C
SOLDERING TEMP.		+ 260	°C
2.0mm FROM BODY			3 SEC. MAX

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

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*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.= $\frac{+0.00}{-0.00}$ PRECISION MAX.= $\frac{+0.00}{-0.00}$ PRECISION

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SMF-LXH240SISUGD

T-3mm RIGHT ANGLE FAULT INDICATOR LED,
POS. 1: 636nm SUPER RED
POS. 2: 574nm SUPER GREEN, COLOR DIFFUSED.

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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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CHECKED BY:

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PAGE: 1 OF 1

SCALE: N/A

Mouser Electronics

Authorized Distributor

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