

UNCONTROLLED DOCUMENT

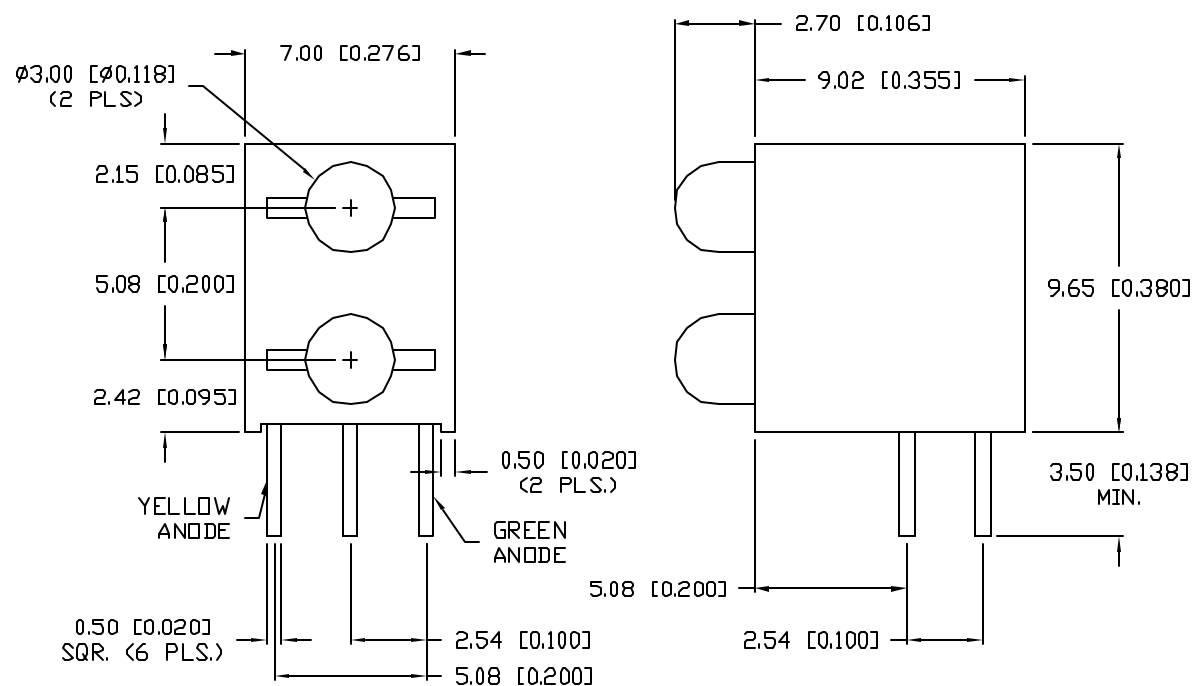
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PART NUMBER

REV.

SSF-LXH2109SYSUGW

PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590 (YELLOW)		nm	
		574 (GREEN)		nm	
FORWARD VOLTAGE (G/Y)		2.0/2.2	2.8	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100µA
AXIAL INTENSITY (G/Y)		50/30		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN/YELLOW				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/Y)	30/25	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<10µS

*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.

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SSF-LXH2109SYSUGW

T-3mm (T-1) LED, 3 LEADED, DUAL LEVEL TOWER INDICATOR,
BICOLOR SUPER YELLOW/SUPER ULTRA GREEN LEDS,
MILKY WHITE 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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DATE: 5.20.02

PAGE: 1 OF 1

SCALE: N/A

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