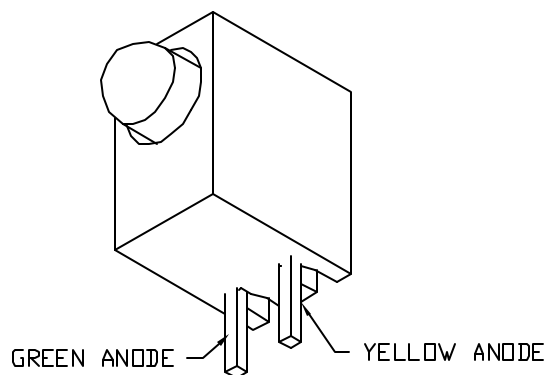
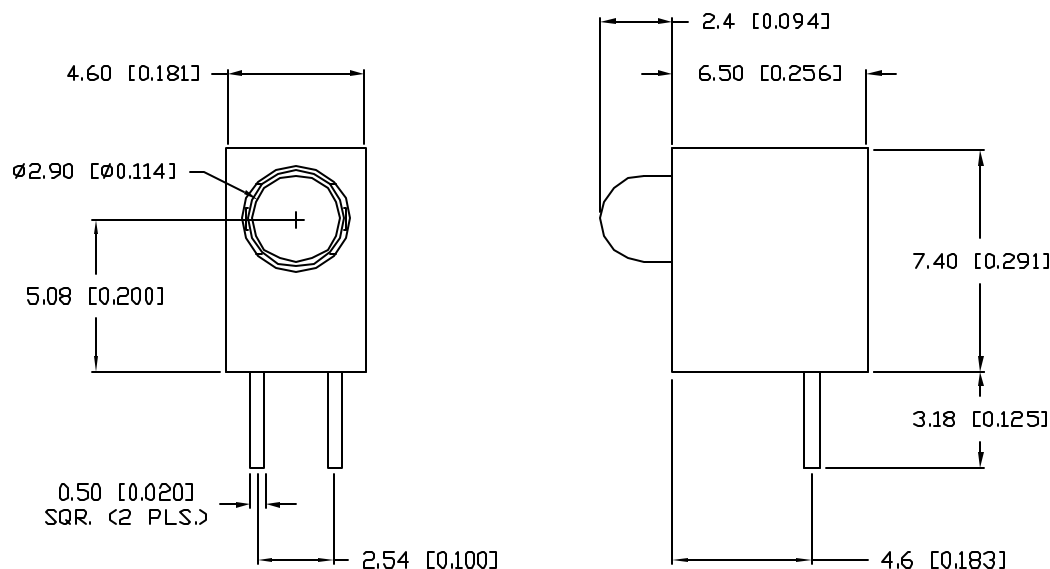


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574 (GREEN)		nm	
		590 (YELLOW)		nm	
FORWARD VOLTAGE (G/Y)		2.2/2.0	2.8/2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (G/Y)		60/90		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN/YELLOW				
EPOXY LENS FINISH:	MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(G/Y)	150/175	mA
STEADY CURRENT		30	mA
POWER DISSIPATION		75	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

- SSH-LXH103 HOLDER.
- SSL-LX3044SUGSYW LED.



*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.=+0.00 DECIMAL PRECISION MAX.=+0.00 DECIMAL PRECISION

REV.

PART NUMBER

SSF-LXH103SUGSYW

T-3mm SINGLE LEVEL, FAULT INDICATOR,
GREEN/YELLOW LED, WATER CLEAR LENS.

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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JC

PAGE: 1 OF 1

SCALE: N/A