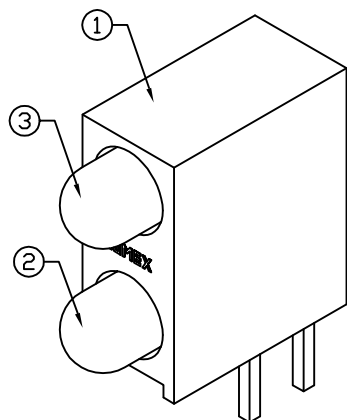
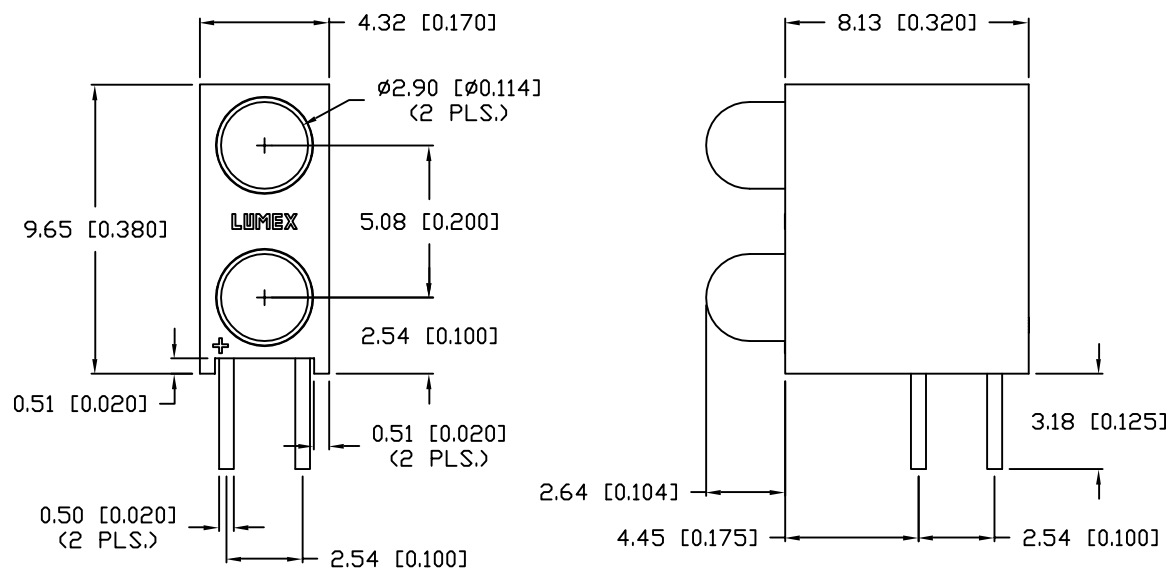


PIN OUT:

- A. GREEN ANODE
- B. YELLOW ANODE
- C. GREEN ANODE
- D. RED ANODE

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565 (GREEN)		nm	
		635 (RED)		nm	
		585 (YELLOW)		nm	
FORWARD VOLTAGE (G)		2.2	2.6	V_f	
		(R)	2.0	V_f	
		(Y)	2.1	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (Y/G/R)		20		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN/RED/YELLOW				
EPOXY LENS FINISH:	WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT (G/R/Y)		25/30/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	mW/ $^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

1. SSH-LXH240 HOLDER, MATERIAL: BLACK NYLON 94V-0.
2. SSL-LX3044GYW LED.
3. SSL-LX3044GIW LED.



UNCONTROLLED DOCUMENT

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

REV.

PART NUMBER
SSF-LXH240GIGYW

T-3mm RIGHT ANGLE FAULT INDICATOR LED,
565nm GREEN/635nm RED/585nm YELLOW LED,
WHITE DIFFUSED LENS.

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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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