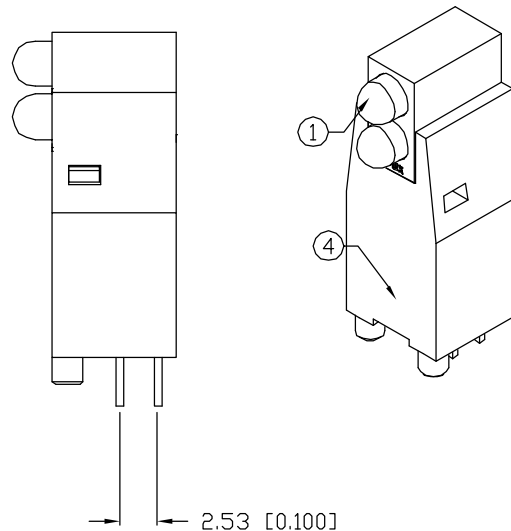
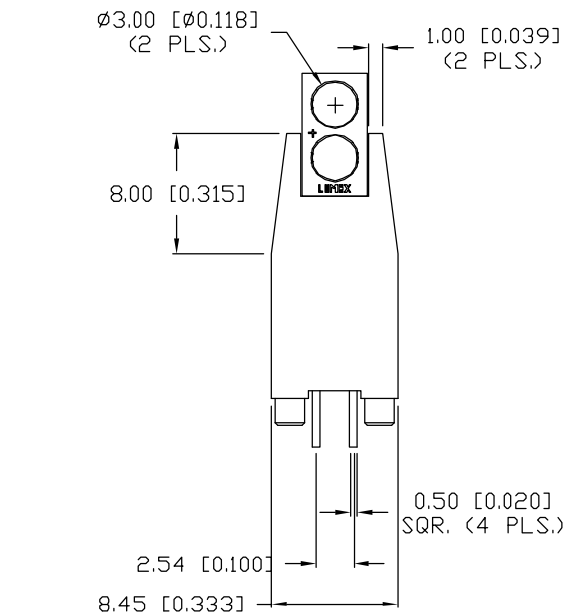
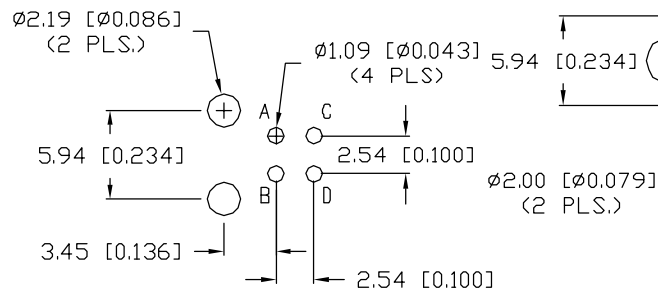


PRELIMINARY IN P/N DIR.

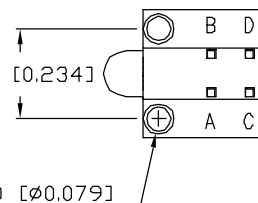
PATENT PENDING



RECOMMENDED PCB LAYOUT



BOTTOM VIEW



PIN OUT:

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

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

PARAMETER	GREEN	YELLOW	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	565	585	565	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.1	2.2	V_f	
FORWARD VOLTAGE (MAX.)	2.6	2.5	2.6	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	60	60	60	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	30	30	30	$2\times$ theta	
LED POSITION:	1	1	2		
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

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

- SSL-LX305F4GYC, GREEN/YELLOW LED.
- SSL-LX305F4GC, GREEN LED.
- SSH-LXH23161, HOLDER.
- SSS-LXH23162, SPACER.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: $X=\pm 1$ (± 0.039), $X.X=\pm 0.5$ (± 0.020), $X.XX=\pm 0.25$ (± 0.010), $X.XXX=\pm 0.127$ (± 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

P2

SSF-LXH23161GYCGC-1

T-3mm RIGHT ANGLE FAULT INDICATOR LED,
 565nm GREEN/585nm YELLOW LEDS, 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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CT

PAGE: 1 OF 1

SCALE: N/A