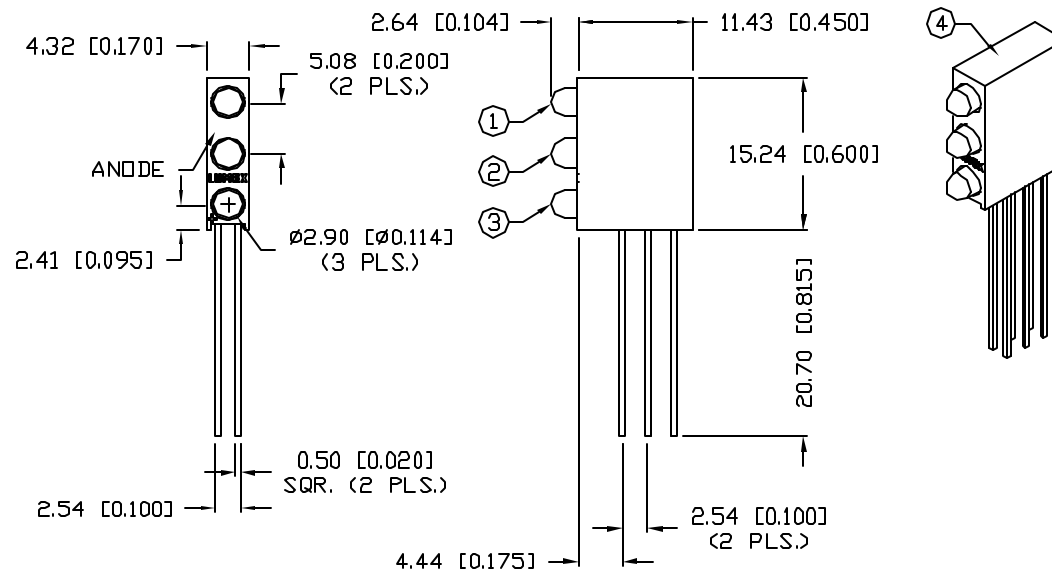


PRELIMINARY IN P/N DIR

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

PARAMETER	YELLOW	GREEN	BLUE	UNITS	TEST COND
PEAK WAVELENGTH	585	565	470	nm	
FORWARD VOLTAGE (TYP.)	2.1	2.2	3.5	V_f	
FORWARD VOLTAGE (MAX.)	2.5	2.6	4.0	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	30	40	80	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1	2	3		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR					

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(Y/G/B)	150/150/98	mA
STEADY CURRENT	(Y/G/B)	30/25/30	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:

1. SSL-LX3048YD, YELLOW LED.
2. SSL-LX3048GD, GREEN LED.
3. SSL-LX3048USD, BLUE LED.
4. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

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

REV.

PART NUMBER

P1

SSF-LXH340YGUSBD40

T-3mm RIGHT ANGLE FAULT INDICATOR LED,
POS.1: YELLOW, POS.2: GREEN, POS.3: BLUE,
COLOR DIFFUSED PER POSITION.

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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PAGE: 1 OF 1

SCALE: N/A