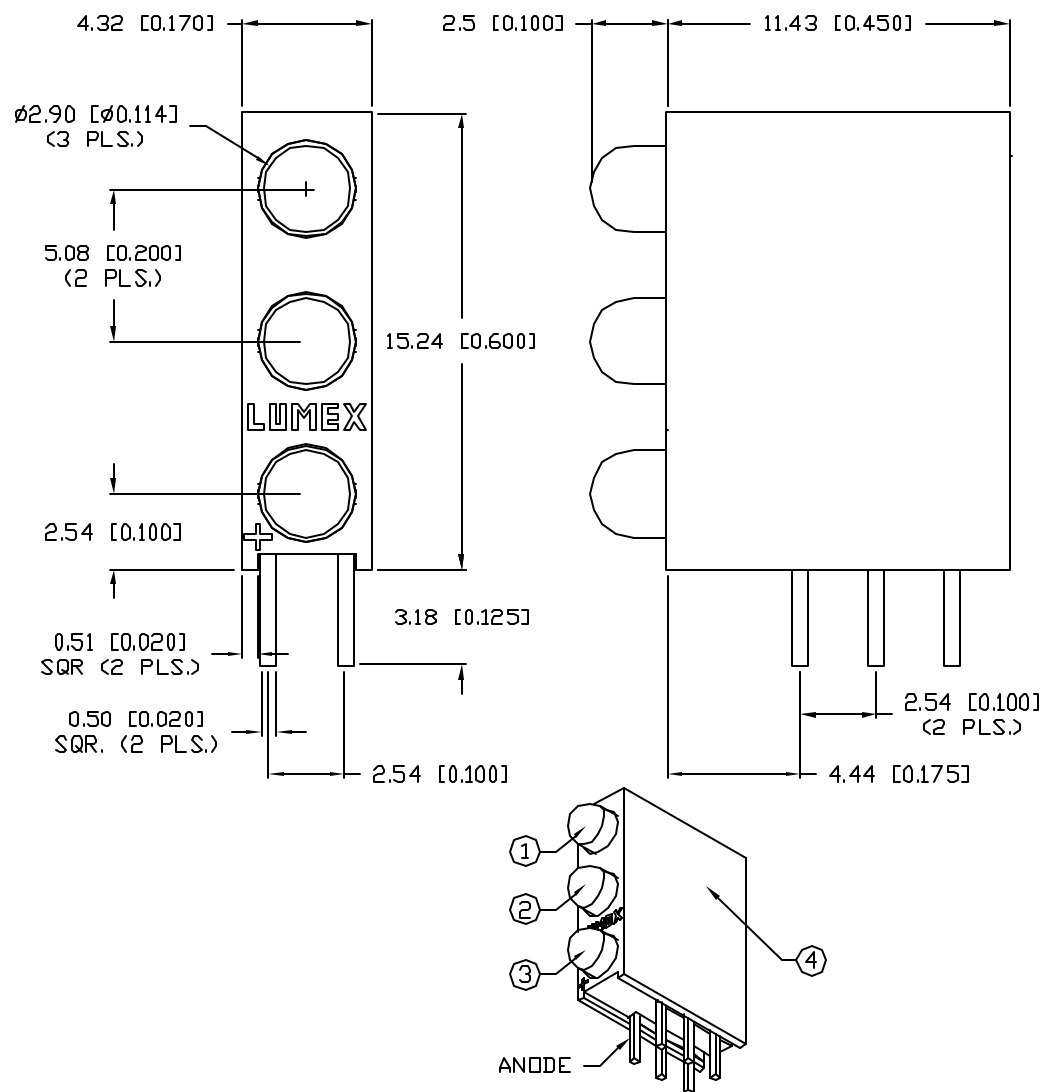




ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	RED	AMBER	GREEN	UNITS
PEAK WAVELENGTH	635	610	565	nm
FORWARD VOLTAGE (TYP.)	2.0	2.0	2.2	V_f
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.5	V_f
REVERSE VOLTAGE	5.0	5.0	5.0	V_r
AXIAL INTENSITY	40	30	30	mcd
VIEWING ANGLE	60	60	60	2x theta
LED POSITION:	1	2	3	
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(R/G/A)	30/25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	$\text{mW}/^\circ\text{C}$
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-LX3044ID, RED LED.
2. SSL-LX3044AD, AMBER LED.
3. SSL-LX3044GD, GREEN LED.
4. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

UNCONTROLLED DOCUMENT

*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.

PART NUMBER

SSF-LXH340IAGD

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,
POS. 1: 635nm HIGH INTENSITY RED, POS.2: 610nm AMBER,
POS 3: 565nm GREEN, 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

JD