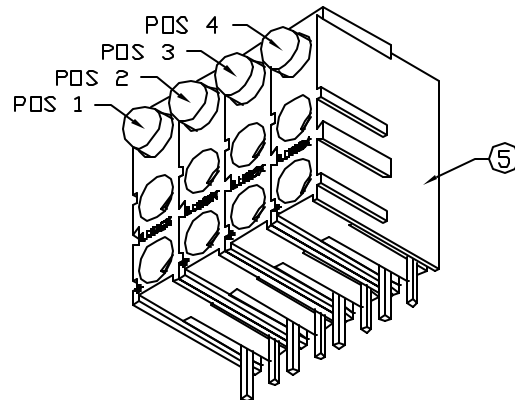
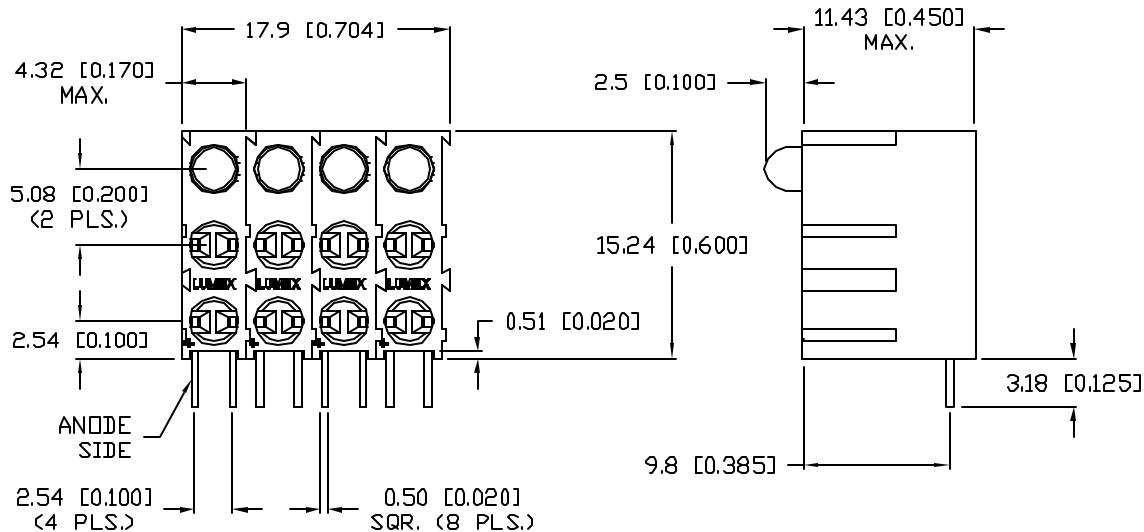


CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



PART NUMBER	REV.
SSF-LXHM340IYGUB04	

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

PARAMETER	RED	YELLOW	GREEN	BLUE	UNITS	TEST COND
PEAK WAVELENGTH	635	585	565	470	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.1	2.2	3.5	V_f	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.6	4.0	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	40	30	30	25	md	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	60	2x theta	
LED POSITION:	1	2	3	4		
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/Y/G/B)	30/30/25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	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-LX3044ID, LED.
- SSL-LX3044YD, LED.
- SSL-LX3044GD, LED.
- SSL-LX3044USD, LED.
- SSH-LXH340 HOLDER. (4 PCS.)
MATERIAL: BLACK NYLON 94V-0.

*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}-0.00 MAX.=^{+0.00}-DECIMAL PRECISION

REV.

PART NUMBER

SSF-LXHM340IYGUB04

T-3mm RIGHT ANGLE FAULT INDICATOR,
POS.1: RED, POS.2: YELLOW, POS.3: GREEN, POS.4: BLUE,
COLOR DIFFUSED.

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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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