

PART NUMBER	SSF-LXH42103LI4G4D	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.17.95	UPDATED SPECS, ADDED NOTE 4.		A

ELECTRO-OPTICAL CHARACTERISTICS		T _A =25°C		I _f =20mA	
PARAMETER	GREEN	RED	UNITS	TEST COND	
PEAK WAVELENGTH	565	635	nm		
FORWARD VOLTAGE (TYP)	2.2	2.2	nm		
FORWARD VOLTAGE (MAX)	2.5	2.5	V _f		
REVERSE VOLTAGE	5.0	5.0	V _r	I _r =100uA	
AXIAL INTENSITY	1.0	1.0	mcd	I _f =20mA	
LED POSITION:	2,4,6,8		1,3,5,7		
EPOXY LENS FINISH:	DIFFUSED SAME AS COLOR				

LIMITS OF SAFE OPERATION AT 25°C

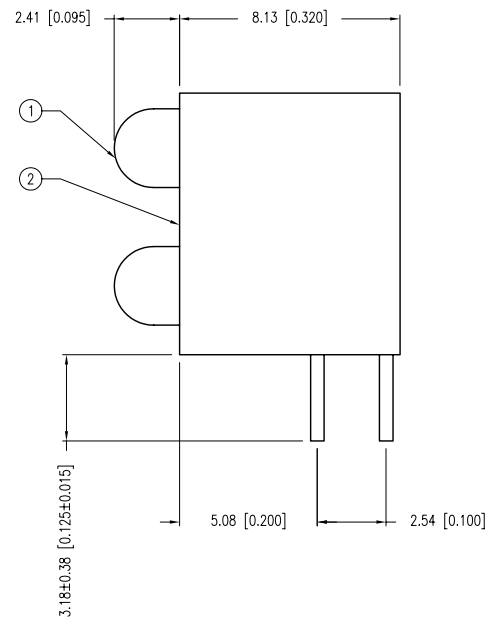
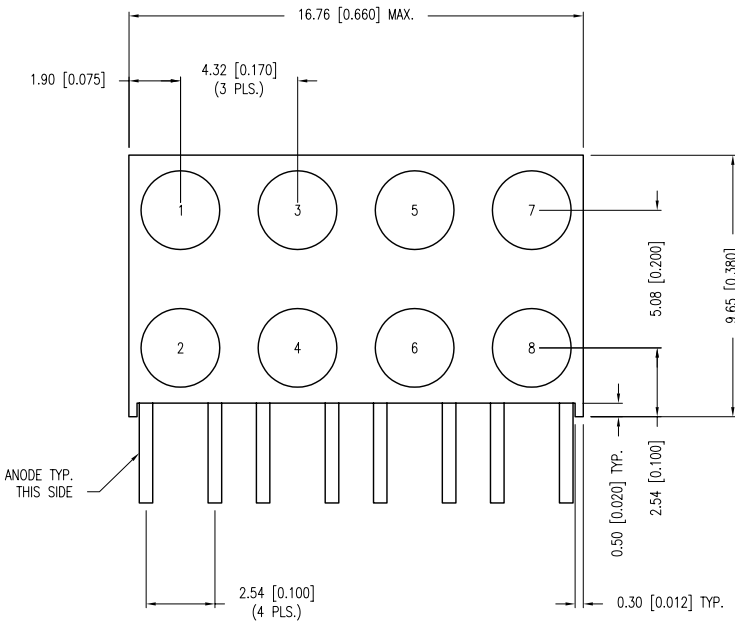
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(G/R)	150	mA
STEADY CURRENT	(G/R)	25/30	mA
POWER DISSIPATION	(G/R)	105	mW
DERATE FROM 25°C		-1.2	mW/°C
OPERATING TEMP.		-40 TO +85	°C
STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* t<10uS

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.

NOTES:

- SSL-LX3044LD (4 PCS), SSL-LX3044LID (4 PC).
- SSH-LXH42103 HOLDER. MATERIAL: BLACK NYLON, UL 94V-0.
- TOLERANCES: ±0.51 (±0.020).
- PARTS TO BE SUPPLIED IN TUBES.



*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 UNCONTROLLED DOCUMENT



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T-1, 8 LED, RIGHT ANGLE, DIFFUSED LENS, LED FAULT INDICATOR, LOW CURRENT SELECTION.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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PAGE:	1 OF 1	CHKD BY:	--
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UNIT:	mm [INCH]		Ⓟ