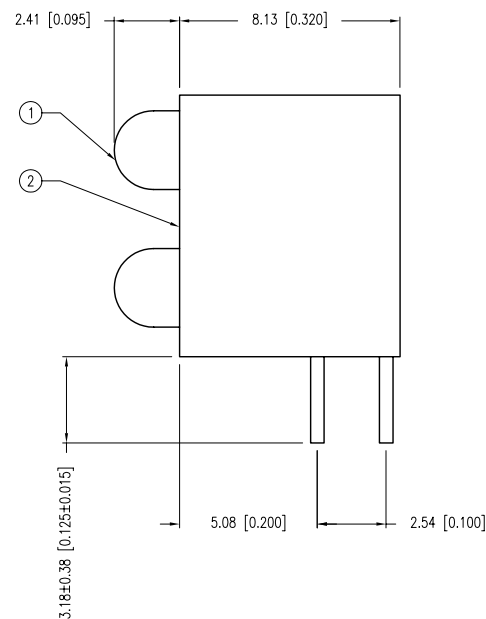
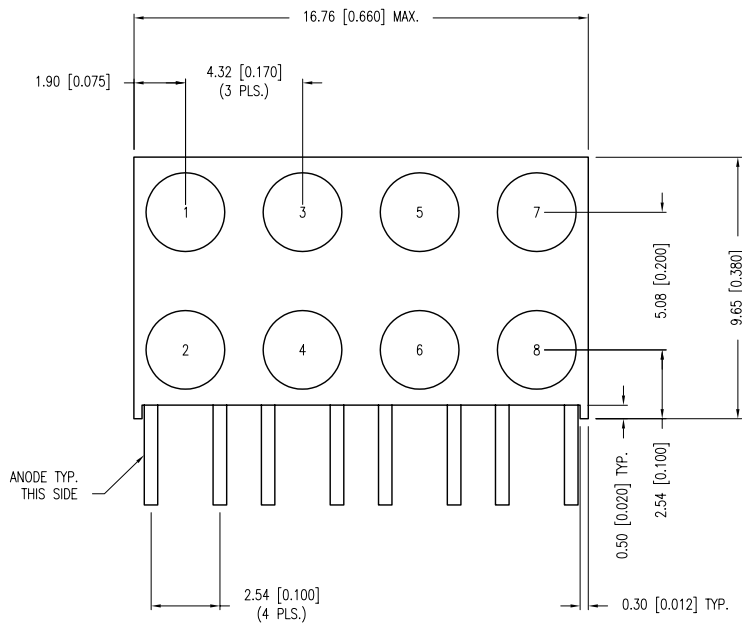


PART NUMBER	SSF-LXH42103LI4G4D	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
10.17.95	UPDATED SPECS, ADDED NOTE 4.		A



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$				
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	$I_r=100\mu\text{A}$
AXIAL INTENSITY	1.0	1.0	mcd	$I_f=20\text{mA}$
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

* $t < 10\mu\text{s}$

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-LX3044LGD (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
-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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DATE:	00.00.00	DRAWN BY:	SS
PAGE:	1 OF 1	CHKD BY:	--
SCALE:		APRVD BY:	--
UNIT:	mm [INCH]		(Pc)