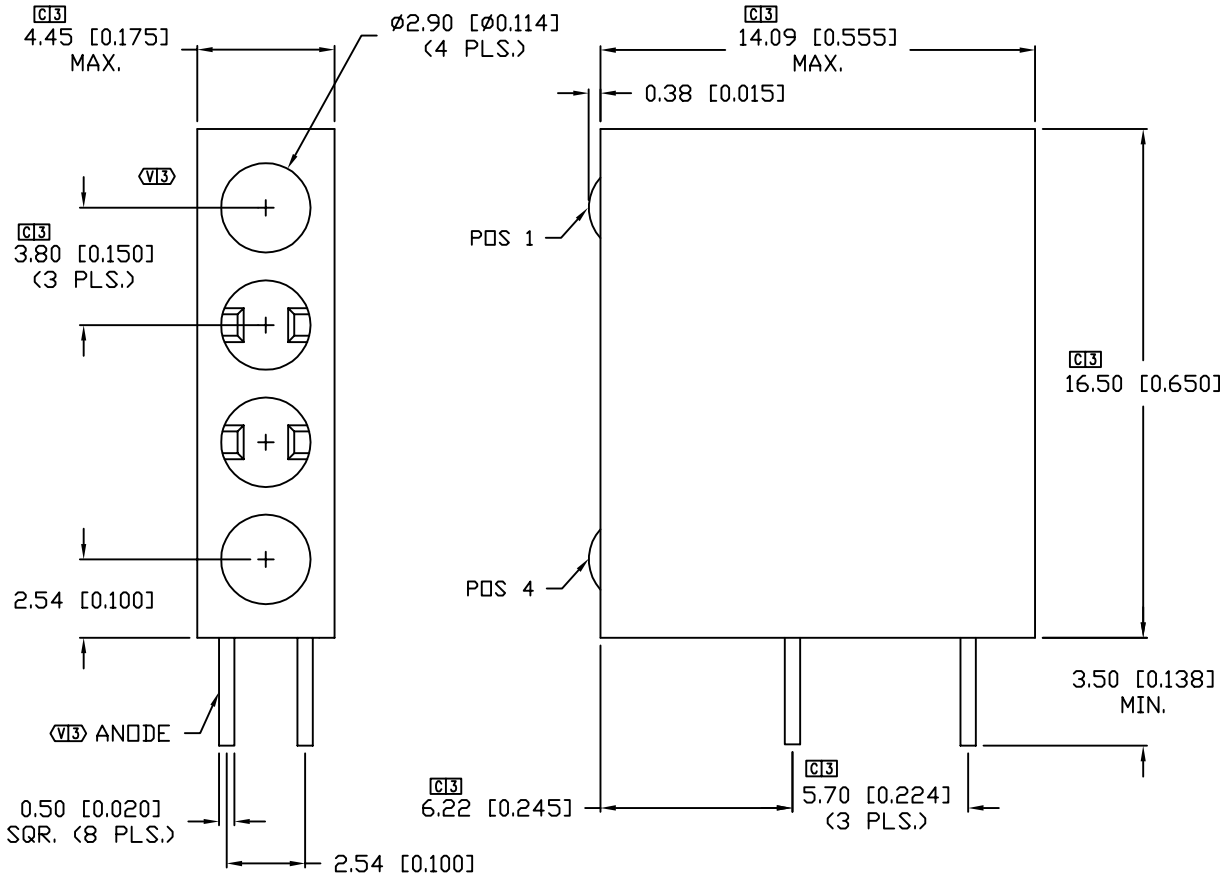
UNCONTROLLED DOCUMENT COMPANY CONFIDENTIAL

FATCTORY P/N

SC:0.25 PART NUMBER

SSF-LXH450GYWXXSBD

REV.



PRELIMINARY IN P/N DIR

ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	YELLOW	GREEN	BLUE	UNITS	TEST COND
PEAK WAVELENGTH	585	565	430	nm	
FORWARD VOLTAGE (TYP.)	2.1	2.2	4.5	V_f	
FORWARD VOLTAGE (MAX.)	2.5	2.6	5.5	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	I_r=100µA
AXIAL INTENSITY	15	20	30	mcd	I_f=20mA
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1	1	4		
EPOXY LENS FINISH:	WHITE	WHITE	BLUE DIFFUSED.		

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(B/Y/G)	30/30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

* t<10µS

C3 V3 C3

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*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.=$^{+\text{DECIMAL PRECISION}}_{-0.00}$ MAX.=$^{+0.00}_{-\text{DECIMAL PRECISION}}$

REV.

PART NUMBER

SSF-LXH450GYWXXSBD

T-3mm (T-1) FOUR UNIT FAULT INDICATOR,
POS.1: GREEN/YELLOW BICOLOR,, POS.4: BLUE,
LENS COLOR DIFFUSED.

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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