## UNCONTROLLED DOCUMENT COMPANY CONFIDENTIAL

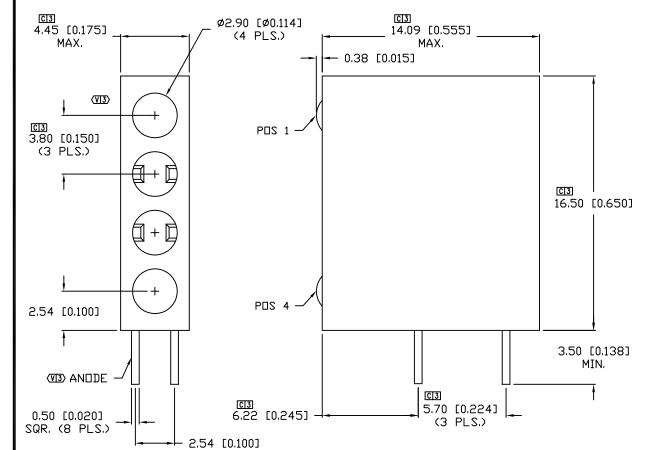
FATCTORY P/N

PART NUMBER

SSF-LXH450GYWXXSBD

SC:0.25

REV.



## PRELIMINARY IN P/N DIR

ELECTRO-OPTICAL CHARACTE	ristics t	A=25°C	1 <sub>f</sub> =2	0mA	
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	٧r	Ir=100µA
AXIAL INTENSITY	15	20	30	mcd	$I_f = 20 \text{mA}$
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	•Ċ
SOLDERING TEMP.		+ 260	•C
2.0mm FROM BODY			3 SEC. MAX

<sup>\*</sup> t<10µS

CI3 (VI3) (CI3)

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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=+DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECIS

REV.

PART NUMBER SSF-LXH450GYWXXSBD

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

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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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8.10.01 PAGE: 1 OF 1

> SCALE: N/A