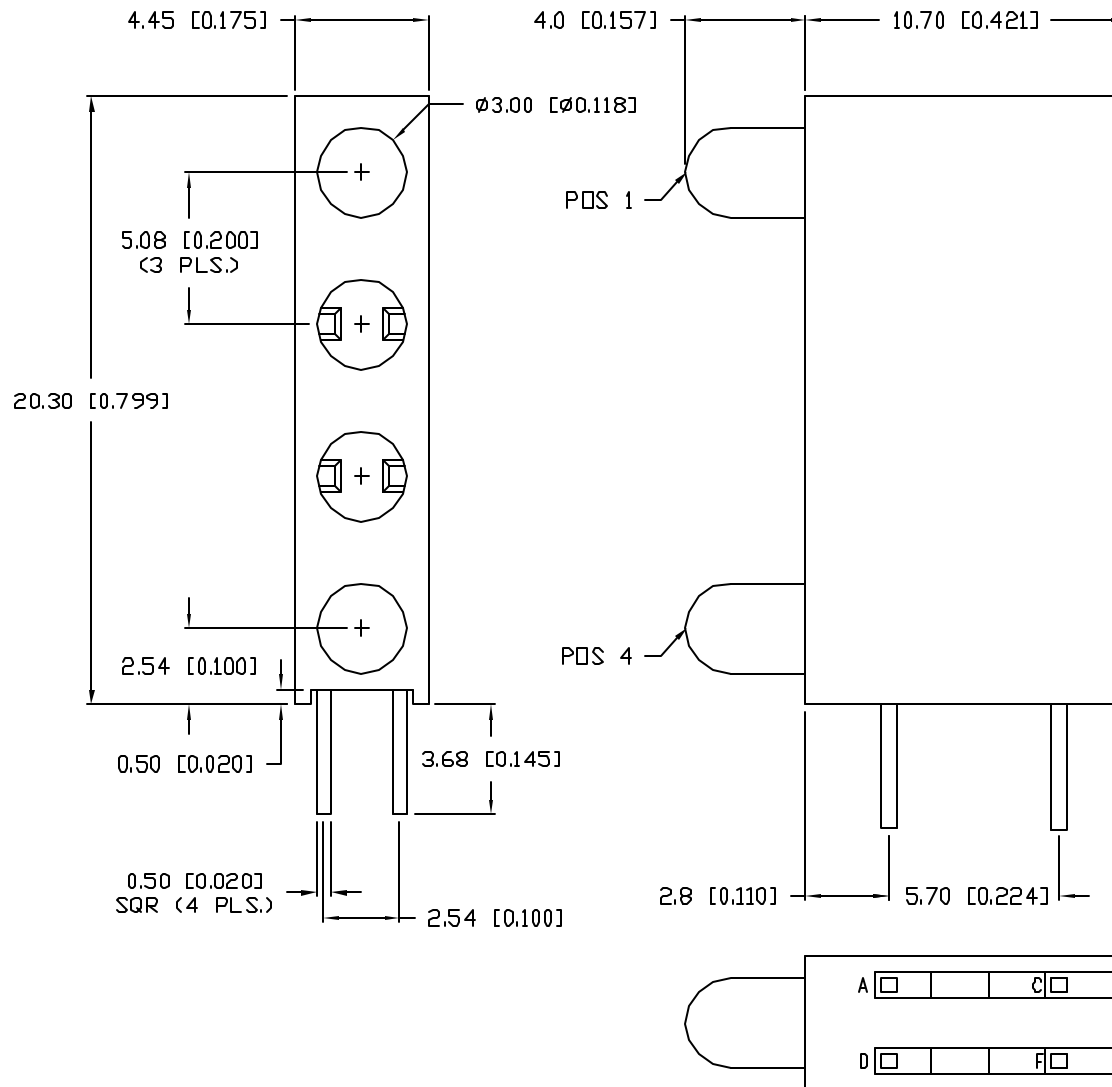


UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH475GYWXXSBD

REV.



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

PARAMETER	GREEN	YELLOW	BLUE	UNITS	TEST COND
PEAK WAVELENGTH	565	585	430	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.1	4.5	V_f	
FORWARD VOLTAGE (MAX.)	2.6	2.5	5.5	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	30	30	30	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1	1	4		

EPOXY LENS FINISH: POS. 1: MILKY WHITE DIFFUSED POS.4: BLUE DIFFUSED

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(B/G/Y)	30/25/30	mA
POWER DISSIPATION	(B/G/Y)	100/105/105	mW
DERATE FROM 25°C	(B/G/Y)	-1.6/-1.2/-1.2	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	°C
SOLDERING TEMP.		+260	°C
2.0mm FROM BODY			3 SEC. MAX

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

NOTES:

- PIN G: YELLOW ANODE
- PIN F: GREEN ANODE
- PIN A: BLUE CATHODE
- PIN D: BLUE ANODE

NO LED IN POS. 2,3.

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±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-LXH475GYWXXSBD

T-3mm (T-1) FOUR HIGH LED, FAULT INDICATOR,
ONE 565nm GREEN/585nm YELLOW BICOLOR LED,
ONE 430nm SUPER BLUE LED.

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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PAGE: 1 OF 1

SCALE: N/A