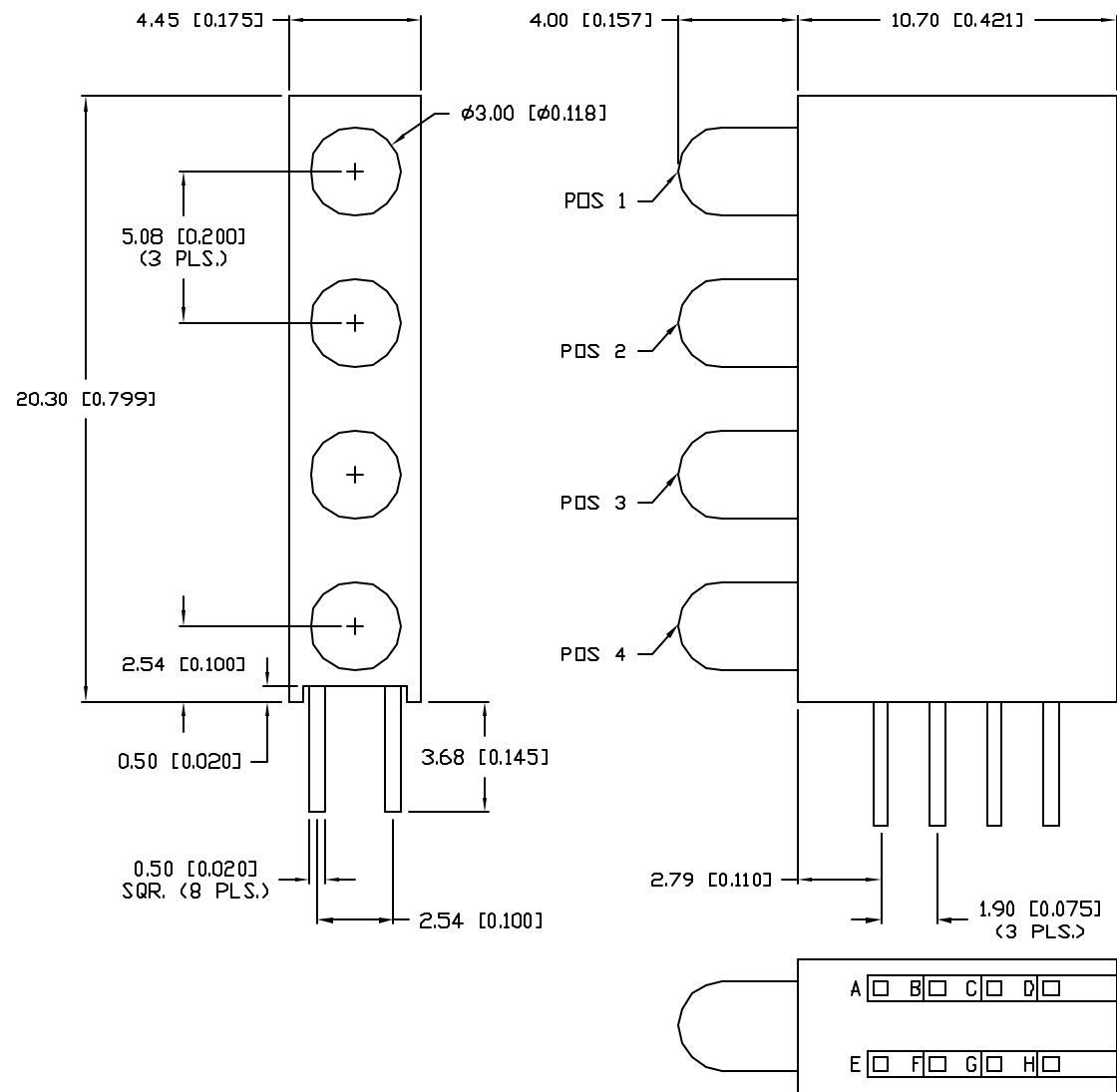


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SC:0.25 PART NUMBER  
**SSF-LXH475YGW311D**  
 REV.

PRELIMINARY IN P/N DIR



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

PARAMETER	YELLOW	GREEN	RED	UNITS	TEST COND
PEAK WAVELENGTH	585	565	635	nm	
FORWARD VOLTAGE (TYP.)	2.1	2.2	2.0	$V_f$	
FORWARD VOLTAGE (MAX.)	2.5	2.6	2.5	$V_f$	
REVERSE VOLTAGE	5.0	5.0	5.0	$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY	10	10	40	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	80	80	60	2x theta	
LED POSITION:	1~3	1~3	4		
EPOXY LENS FINISH: POS.1~3: MILKY WHITE, POS.4: RED DIFFUSED					

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(Y/G/R)	30/25/30	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

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

NOTES:

- PIN B,C,D: GREEN ANODE
- PIN A: RED CATHODE
- PIN F,G,H: YELLOW ANODE
- PIN E: RED ANODE

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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-LXH475YGW311D**  
 T-3mm (T-1) FOUR UNIT FAULT INDICATOR,  
 POS. 1~3: BI-COLOR 585nm YELLOW/565nm GREEN,  
 POS.4: 635nm RED.

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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