

UNCONTROLLED DOCUMENT

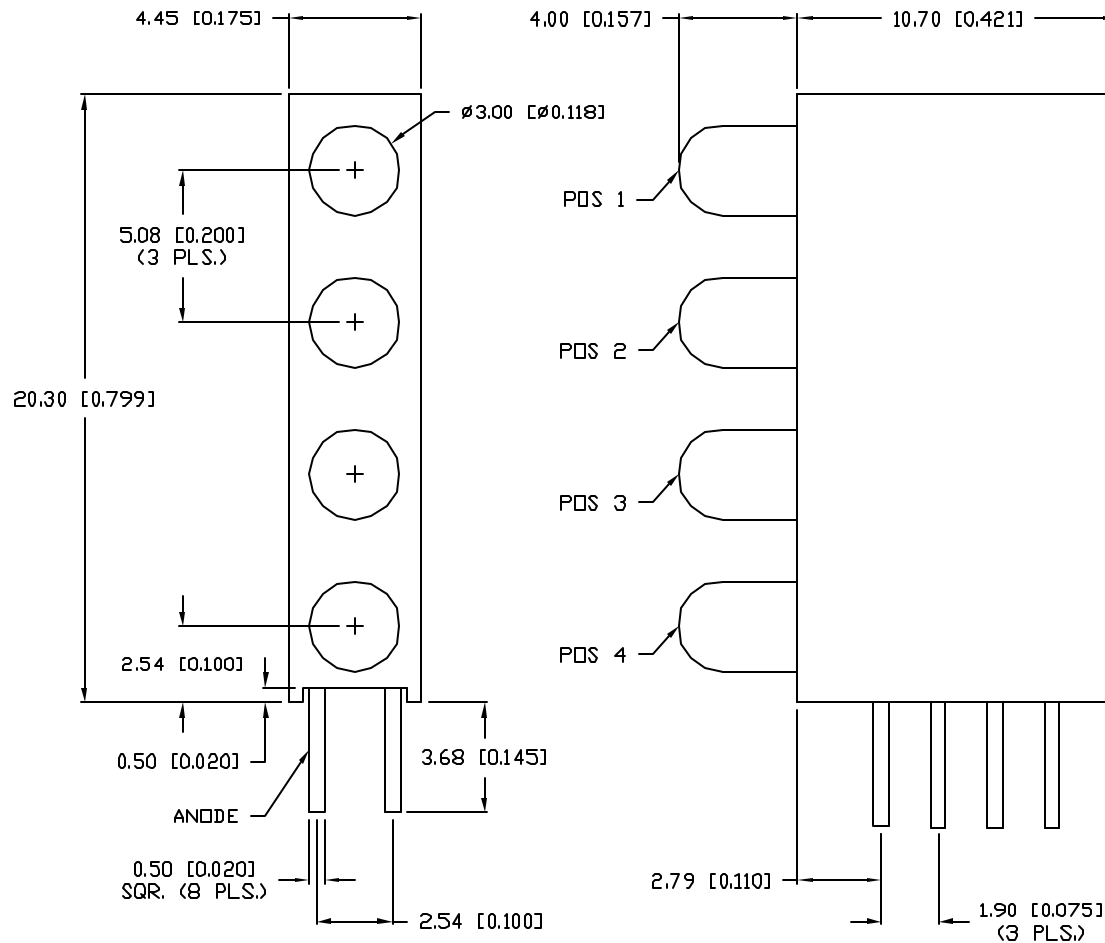
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PART NUMBER

REV.

SSF-LXH475GGYID

PRELIMINARY IN P/N DIR



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA

PARAMETER	GREEN	YELLOW	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	585	635	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.1	2.0	Vf	
FORWARD VOLTAGE (MAX.)	2.6	2.5	2.5	Vf	
REVERSE VOLTAGE	5.0	5.0	5.0	Vr	If=100µA
AXIAL INTENSITY	30	30	40	mcd	If=20mA
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1~2	3	3		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR					

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/Y/R)	25/30/30	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<10µS

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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-LXH475GGYID

T-3mm (T-1) FOUR UNIT FAULT INDICATOR,
 POS.1~2: 565nm GREEN, POS.3: 585nm YELLOW,
 POS.4: 635nm RED, COLOR DIFFUSED LENS.

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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SCALE: N/A