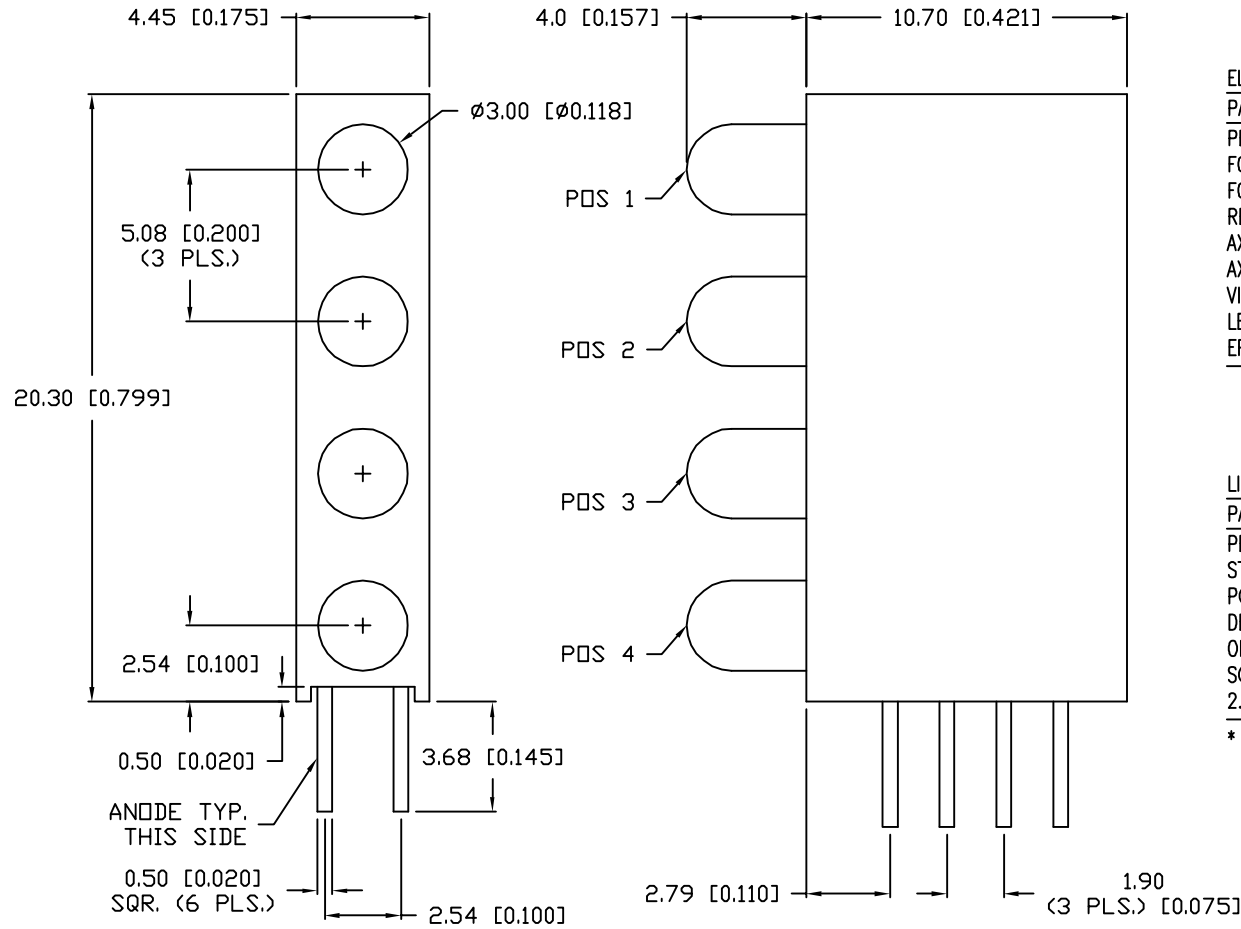




# THE DATASHEET OF SSF-LXH475LGGID





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

PARAMETER	GREEN	RED	UNITS	TEST COND
PEAK WAVELENGTH	565	635	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.0	$V_f$	
FORWARD VOLTAGE (MAX.)	2.6	2.5	$V_f$	
REVERSE VOLTAGE (TYP.)	5.0	5.0	$V_r$	$I_r=100\mu\text{A}$
AXIAL INTENSITY (TYP.)	30	30	mcd	$I_f=20\text{mA}$
AXIAL INTENSITY (MIN.)	1.0	1.0	mcd	$I_f=2\text{mA}$
VIEWING ANGLE	60	60	2x theta	
LED POSITION:	1,2	3,4		

EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/R)	25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM $25^\circ\text{C}$		-1.6	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.		-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.		+260	$^\circ\text{C}$
2.0mm FROM BODY			3 SEC. MAX

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



\*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 PRECISION

REV.	PART NUMBER SSF-LXH475LGGIID
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TOP 4 POSITION FILLED, BOTTOM ONE EMPTY,  
2 GREEN, 2 RED, COLOR DIFFUSED LENS.

**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.

DRAWN BY: JN	CHECKED BY:	APPROVED BY:	DATE: 07.15.09
			PAGE: 1 OF 1
			SCALE: N/A

## Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

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