

UNCONTROLLED DOCUMENT

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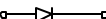
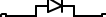
PART NUMBER

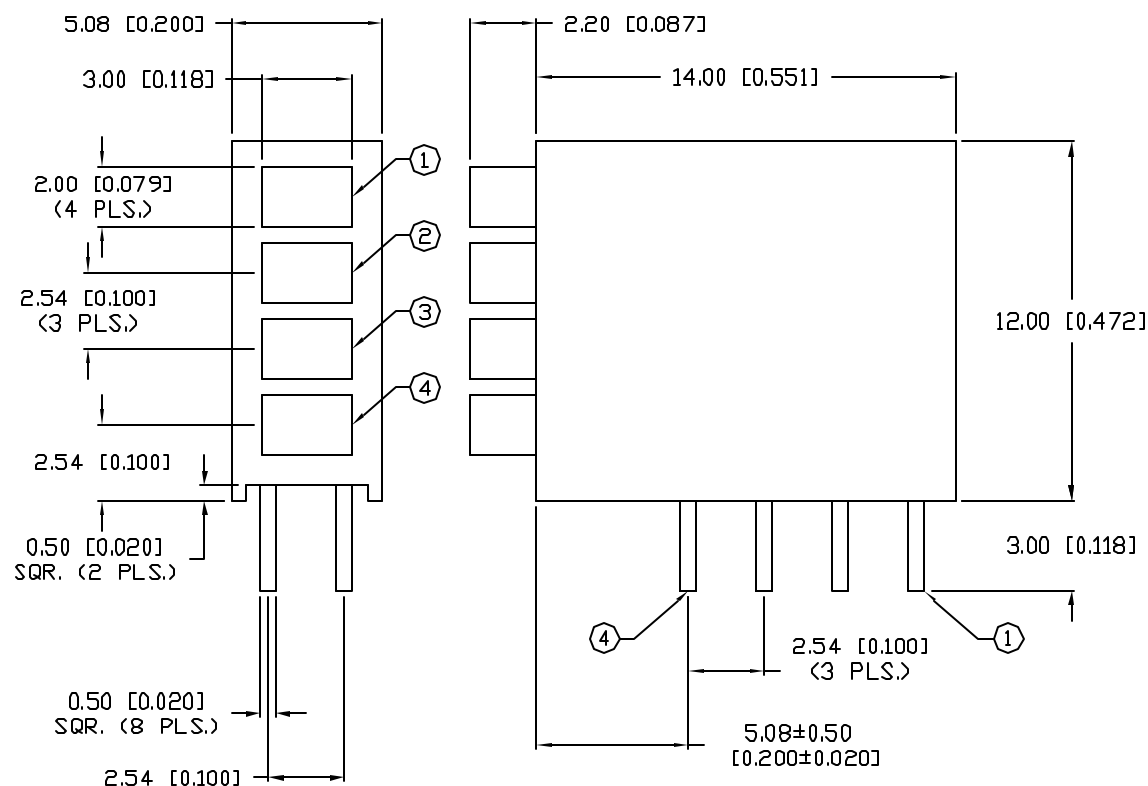
REV.

SSF-LXH534GYGGYGW

PRELIMINARY IN P/N DIR

TOP VIEW POLARITY

- 1 GREEN 
 2 GREEN ANODE  YELLOW ANODE
 3 GREEN 
 4 GREEN ANODE  YELLOW ANODE

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

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

LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		150	mA
STEADY CURRENT	(G/Y)	25/30	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.2	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), 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

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2mm x 3mm QUAD LEVEL TOWER FAULT INDICATOR,
 POS.1,3: 565nm GREEN, POS.2,4: 565nm/585nm BICOLOR,
 MILKY WHITE DIFFUSED LENS.

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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

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