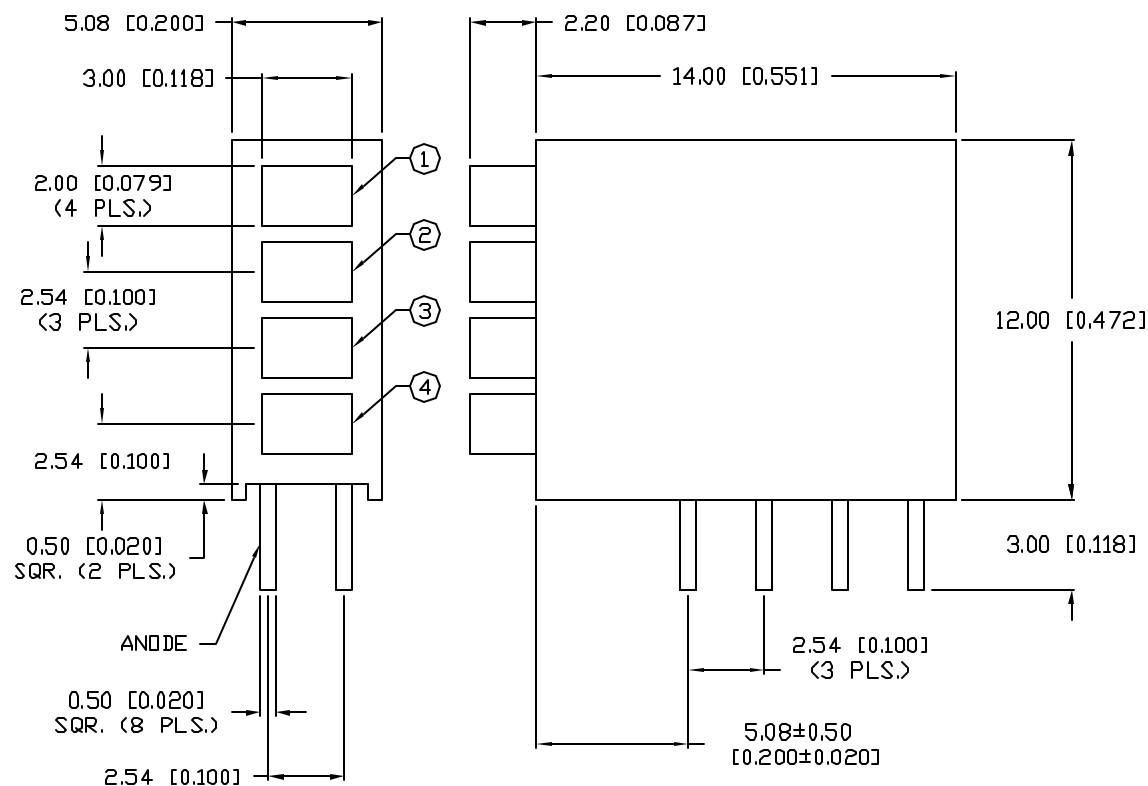


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	GREEN	ORANGE	YELLOW	RED	UNITS	TEST COND
PEAK WAVELENGTH	574	610	590	636	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.1	2.1	2.0	V_f	
FORWARD VOLTAGE (MAX.)	2.6	2.5	2.5	2.5	V_f	
REVERSE VOLTAGE	5.0	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	30	300	70	150	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	100	100	100	100	2x theta	
LED POSITION:	1	2	3	4		
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/O/Y/R)	25/30/30/30	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

REV.

PART NUMBER

SSF-LXH534SUSOSYSI

2mm x 3mm QUAD LEVEL TOWER FAULT INDICATOR,
POS.1: GREEN, POS.2: ORANGE, POS.3: YELLOW, POS.4: RED,
COLOR DIFFUSED PER POSITION.

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

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