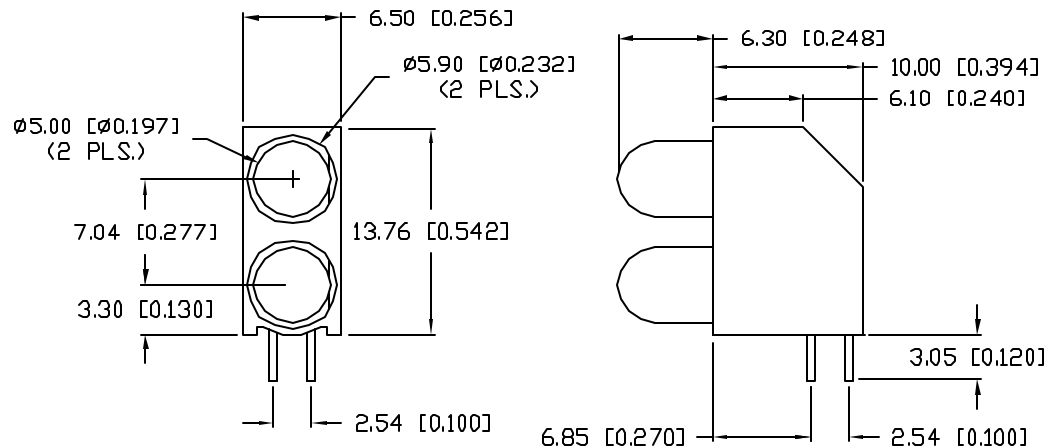
ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $V_f=12\text{V}$

PARAMETER	GREEN	BLUE	UNITS	TEST COND
PEAK WAVELENGTH	565	470	nm	
FORWARD VOLTAGE (TYP.)	2.2	2.0	V_f	
FORWARD VOLTAGE (MAX.)	2.6	2.6	V_f	
REVERSE VOLTAGE	5.0	3.2	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	30	2500	mcd	$V_f=12\text{V}$
VIEWING ANGLE	60	30	2x theta	
LED POSITION:	1	2		
EPOXY LENS FINISH: GREEN DIFFUSED / WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	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	
* $t < 10\mu\text{s}$		

NOTES:

1. SSL-LX5093GD, GREEN LED.
2. SSL-DSP5093USBC, BLUE LED.
3. SSH-LXH251, BLACK HOLDER.

*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}_{-0.00} MAX.=^{+0.00}_{-DECIMAL PRECISION}

REV.

PART NUMBER

SSF-LXH251GDSPUSBC

T-5mm DUAL TOWER FAULT INDICATOR,
565nm GREEN / 470nm BLUE, LOW VOLTAGE.

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