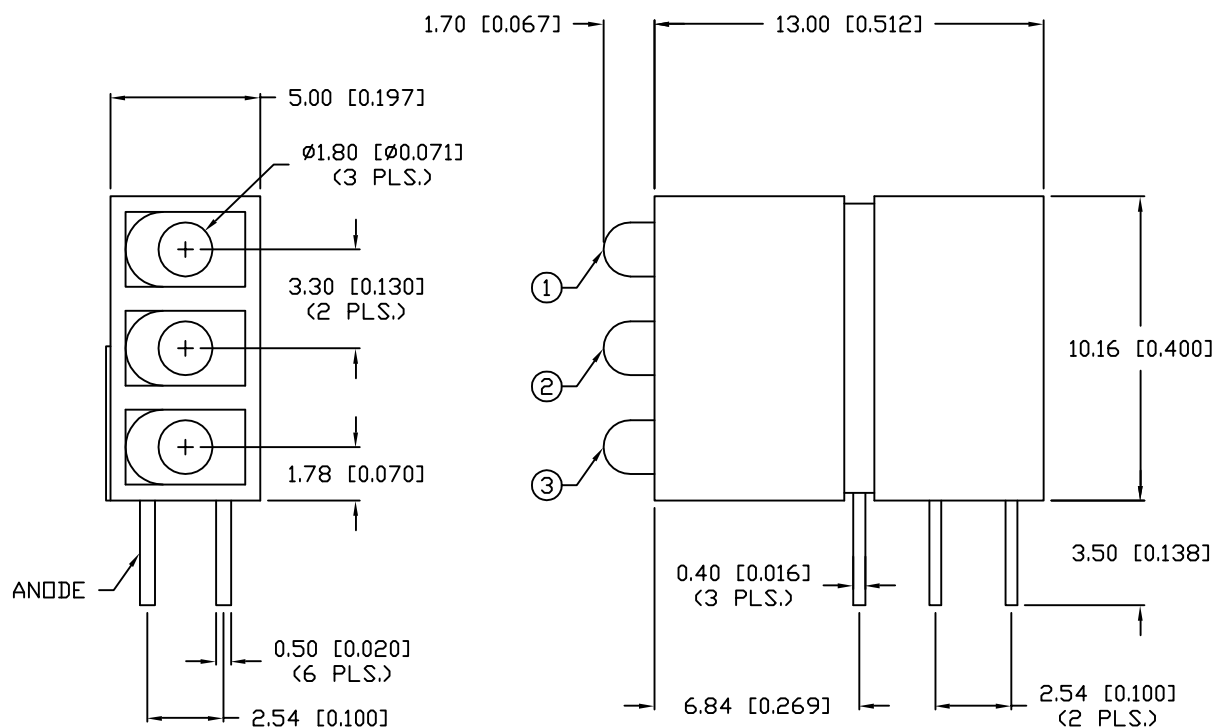




ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$				UNITS	TEST COND
PARAMETER	RED	RED	GREEN		
PEAK WAVELENGTH	635	635	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.0	2.2	V_f	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.6	V_f	
REVERSE VOLTAGE (TYP.)	5.0	5.0	5.0	V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (TYP.)	6	6	6	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	70	70	70	2x theta	
LED POSITION:	1	2	3		
EPOXY LENS FINISH: DIFFUSED SAME AS EMITTED COLOR					

LIMITS OF SAFE OPERATION AT 25°C			
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(R/G)	150	mA
STEADY CURRENT	(R/G)	30/25	mA
POWER DISSIPATION	(R/G)	105	mW
DERATE FROM 25°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-LXH513IIGD

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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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CT			PAGE: 1 OF 1
			SCALE: N/A

T-1.8mm LED RIGHT ANGLE THREE HIGH,
FAULT INDICATOR,
POS. 1,2: RED, POS.3: GREEN, EMITTED COLOR DIFFUSED.