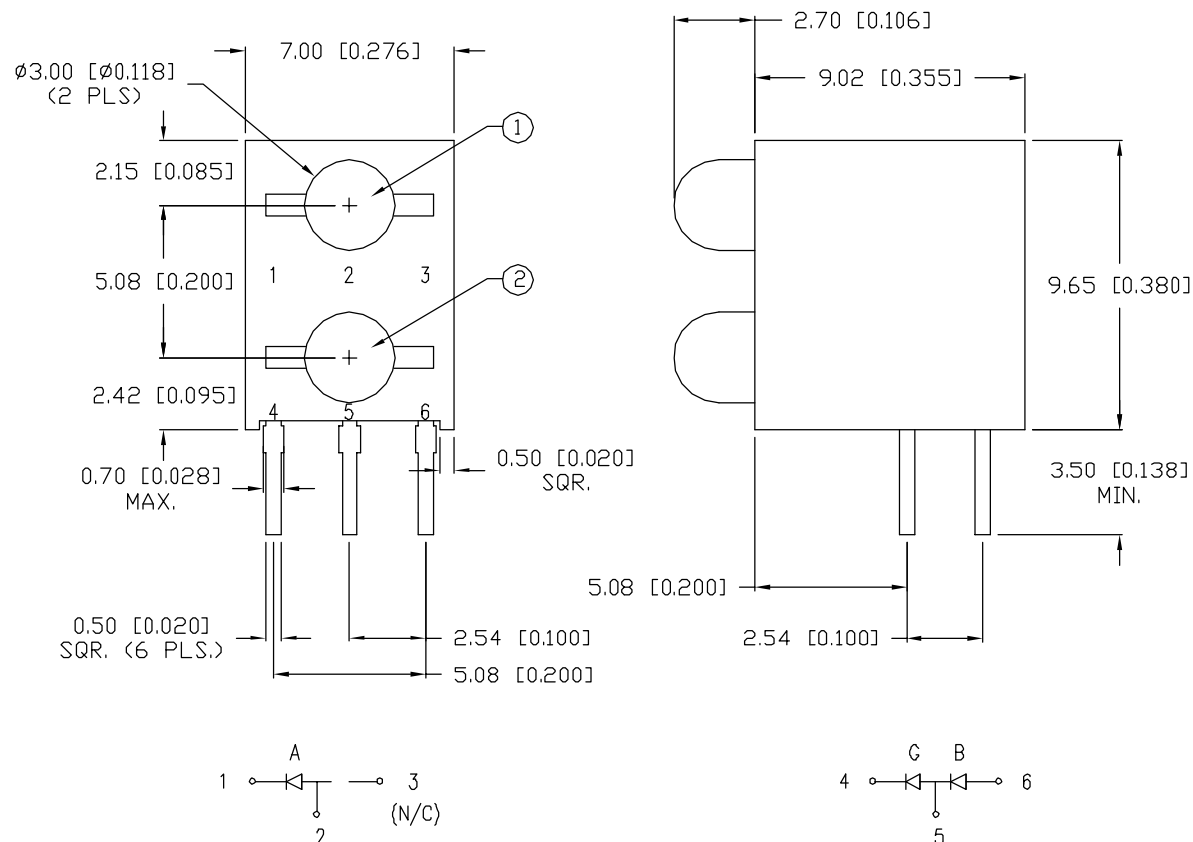


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH	605 (AMBER)			nm	
	565 (GREEN)			nm	
	470 (BLUE)			nm	
FORWARD VOLTAGE	(A)	2.05	4.0	V_f	
	(G)	2.2	2.5	V_f	
	(B)	3.2	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY (A/G/B)	18/8/150			mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60			2x theta	
EMITTED COLOR:	PER POSITION IN NOTES				
EPOXY LENS FINISH:	PER POSITION IN NOTES				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(A/G/B)	145/140/100	mA
STEADY CURRENT	(A/G/B)	25/25/30	mA
POWER DISSIPATION	(A/G/B)	62.5/62.5/120	mW
DERATE FROM 25°C		-1.6	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. AMBER DIFFUSED.
2. WHITE DIFFUSED.



*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-LXH2109ADUBGW1

T-3mm (T-1) LED, 3 LEADED, DUAL LEVEL TOWER INDICATOR,

REVERSE POLARITY.

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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SCALE: N/A