

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

PARAMETER	BLUE	GREEN	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	470	574	574	nm	
FORWARD VOLTAGE (TYP.)	3.5	2.2	2.2	V <sub>f</sub>	
FORWARD VOLTAGE (MAX.)	4.0	2.6	2.6	V <sub>f</sub>	
REVERSE VOLTAGE	5.0	5.0	5.0	V <sub>r</sub>	$I_r=100\mu\text{A}$
AXIAL INTENSITY	80	60	60	mcd	$I_f=20\text{mA}$
VIEWING ANGLE	60	60	60	2x theta	
LED POSITION:	1	2	3		
EPOXY LENS FINISH: MILKY WHITE DIFFUSED					

LIMITS OF SAFE OPERATION AT  $25^\circ\text{C}$  PER DIE

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(B/G/G)	98/150	mA
STEADY CURRENT	(B/G/G)	30/25/25	mA
POWER DISSIPATION		105	mW
DERATE FROM $25^\circ\text{C}$		-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. BLUE LED.
- 2,3. GREEN LED, (2 PCS)
4. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.



UNCONTROLLED DOCUMENT

\*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-LXH340UBUGUGW4

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,  
POS.1: 470nm ULTRA SUPER BLUE, POS.2&3: 574nm AlInGaP  
SUPER ULTRA GREEN, MILKY WHITE DIFFUSED.

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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

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