



NOTES:

1. WHITE LED.
2. YELLOW LED.
3. GREEN LED.
4. SSH-LXH340 HOLDER, BLACK NYLON, 94V-0.

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
PARAMETER	WHITE	YELLOW	GREEN	UNITS
PEAK WAVELENGTH	—	590	574	nm
FORWARD VOLTAGE (TYP.)	3.5	2.1	2.2	nm
FORWARD VOLTAGE (MAX.)	4.0	2.5	2.6	V_f
REVERSE VOLTAGE	5.0	5.0	5.0	V_r
AXIAL INTENSITY	400	100	60	mcd
VIEWING ANGLE	60	60	60	2x theta
LED POSITION:	1	2	3	
EPOXY LENS FINISH: MILKY WHITE DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C PER CHIP

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*	(W/Y/G)	100/150/150	mA
STEADY CURRENT		30	mA
POWER DISSIPATION		105	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

* $t < 10\mu\text{s}$

CAUTION: STATIC SENSITIVE DEVICE
FOLLOW PROPER E.S.D. HANDLING PROCEDURES
WHEN WORKING WITH THIS PART.



*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-LXH340UWSYUGW4

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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

T-3mm (T-1) RIGHT ANGLE FAULT INDICATOR HOLDER,
POS.1: WHITE LED, POS.2: 590nm YELLOW LED,
POS.3: 574nm GREEN LED, MILKY WHITE DIFFUSED.

JC

Mouser Electronics

Authorized Distributor

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