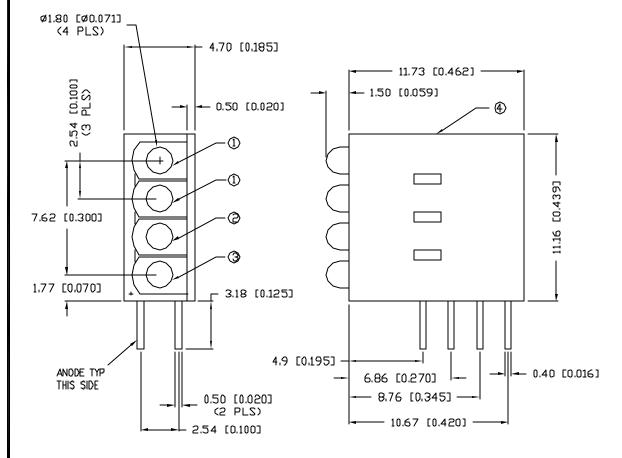
## UNCONTROLLED DOCUMENT

PART NUMBER

## SSF-LXH5147IIAGD



ELECTRO-OPTICAL CHARACTE	ERISTICS	TA=25°C	1 <sub>f</sub> =2	0mA	
PARAMETER	RED	AMBER	GREEN	UNITS	TEST COND
PEAK WAVELENGTH	635	605	565	nm	
FORWARD VOLTAGE (TYP.)	2.0	2.1	2.2	nm	
FORWARD VOLTAGE (MAX.)	2.5	2.5	2.6	٧f	
REVERSE VOLTAGE	5.0	5.0	5.0	٧r	Ir=1DOµA
AXIAL INTENSITY	30	30	30	mcd	If=20mA
VIEWING ANGLE	60	6D	60	2x theta	
LED POSITION:	1,2	3	4		
EPOXY LENS FINISH; SAME	COLOR	DIFFUSED			

LIMITS OF SAFE OPERATION	AT 25°C	PERCHIP	
PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		15D	mA
STEADY CURRENT	R/A/G	30/30/25	mA
POWER DISSIPATION		105	mW
DERATE FROM 25°C		-1.6	mW/°C
OPERATING, STORAGE TEMP.		-40 TO +85	'Ċ
SOLDERING TEMP.		+ 260	<b>'</b> C
2.OMMFROMBODY			3 SEC. MAX

\*T<10µS

## NOTES:

- SSL-LX20333ID LED, RED (2 PC).
- 2. SSL-LX20333AD LED, AMBER(1 PC),
- SSL-LX20333GD LED, GREEN (1 PC).
- 4. SSH-LXH5147 HOLDER, BLACK.



REV.

UNCONTROLLED DOCUMENT \*UNLESS OTHERWISE SPECFED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), 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). NN= +DECIMAL PRECISION MAX = +0.00 (±0.020), XXX=±0.127 (±0.005).

PART NUMBER REV. SSF-LXH5147IIAGD

T-1.8mm LED, RIGHT ANGLE QUAD TOWER, FAULT INDICATOR, RED, AMBER, GREEN LEDS, DIFFUSED PER COLOR.

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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.



JC

290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw

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