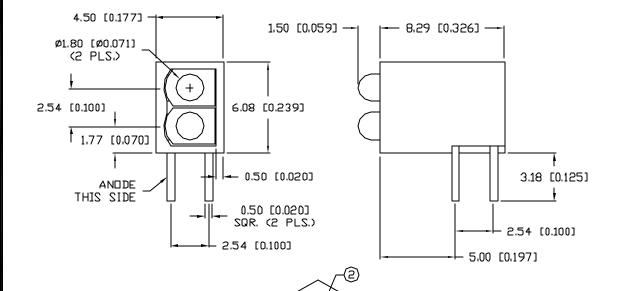
## SSF-LXH512SUGD



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If= 20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		574		nm	
FORWARD VOLTAGE		2.2	2.6	٧f	
REVERSE VOLTAGE	5.0			٧r	I <sub>r</sub> =100μΑ
AXIAL INTENSITY		100		mcd	I <sub>f</sub> = 20mA
VIEWING ANGLE		70		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN	DIFFUSED			

## LIMITS OF SAFE OPERATION AT 25°C PER LED

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	<b>m</b> A
POWER DISSIPATION	105	mW
DERATE FROM 25°C	−1.B	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	•c
SOLDERING TEMP.	+ 260	<b>•</b> C
2.0mm FROM BODY		3 SEC. MAX

<sup>\*</sup> t<10µS

## NOTES:

- 1. SSL-LX20333SUGD, GREEN LED. (2 PCS.)
- 2. SSH-LXH512, BLACK HOUSING.

PART NUMBER

SSF-LXH512SUGD

T-2mm DUAL TOWER PCB INDICATOR,
574nm AllnGaP GREEN LED, GREEN DIFFUSED LENS.

CONFIDENTIAL INFORMATION

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RELABILITY 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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BC