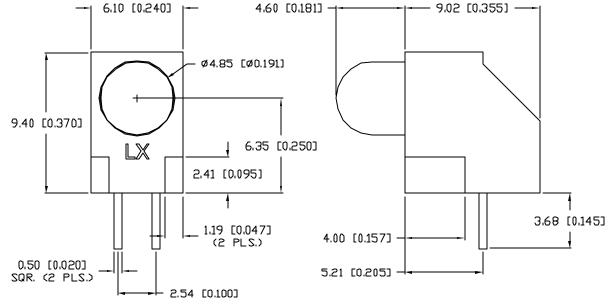
## UNCONTROLLED DOCUMENT

PART NUMBER

REV.

SSF-LXH1501ID



ANDDE

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	ΤΥP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635		nm	
FORWARD VOLTAGE		2.0	2.5	۷f	
REVERSE VOLTAGE	5.0			٧r	I <sub>Γ</sub> =100μΑ
AXIAL INTENSITY		40		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		<b>6</b> D		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIF	FUSED			
<u> </u>					

## LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	m₩
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	<b>'</b> C
SOLDERING TEMP.	+ 260	<b>'</b> C
2.0mm FROM BODY		3 SEC. MAX
* 1.40 0		

<sup>\$</sup>u\S

## NOTES:

- 1. SSL-LX5D9F3ID, HIGH INTENSITY RED LED.
- 2. SSH-LXH1501, HOLDER.

U/V C U/V / T U L = L) L/U C U/V / Y U/L = L) LOCAL 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). NN=+DEGINAL PRECISION MAX.= +0.001

\*UNLESS OTHERWISE SPECFED 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). NN=+DEGINAL PRECISION MAX.= +0.001

REV.

PART NUMBER
SSF-LXH1501ID

T-5mm SINGLE LEVEL FAULT INDICATOR,
635nm HIGH INTENSITY RED LED, RED DIFFUSED LENS.

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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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