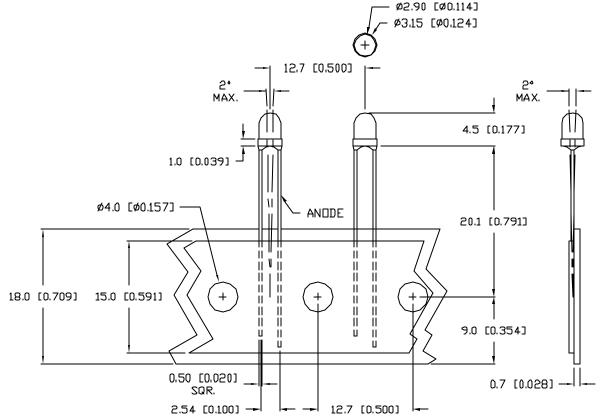
## SSL-LX3044HD-TR



ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		700		nm	_
FORWARD VOLTAGE		2.0	2.5	$v_f$	
REVERSE VOLTAGE	5.0			٧r	I <sub>r</sub> =100μΑ
AXIAL INTENSITY		6		mcd	$I_f = 20 \text{mA}$
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	mW
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

\* t<10µS

TAPE FEED DIRECTION ----

NOTES:

1. 2,000 PER REEL.

\*TOLERANCES PER DECINAL PRECISION ARE: X=±1 (±0,039), X.X=±0.5 (±0,020), X.XX=±0.25 (±0.010),

TM/BC

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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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CHECKED BY: APPROVED BY: DATE: 2-16-00

PAGE: 1 OF 1

SCALE: N/A

REV.

PART NUMBER SSL-LX3044HD-TR

T-3mm (T-1) 700nm RED LED, RED DIFFUSED LENS, TAPE AND REEL PACKAGING.

## **Mouser Electronics**

**Authorized Distributor** 

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SSL-LX3044HD-TR