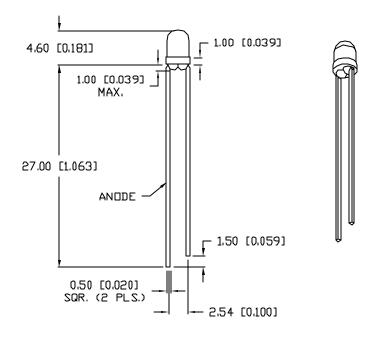
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PART NUMBER SSL-LX3044HD

REV.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	REMOVED FLAT EDGE FROM FLANGE,	4.28.92
В	UPDATED SPECS.	11.15.94
С	UPDATED VIEW ANGLE.	1.20.95
D	UPDATED INTENSITY.	2.21.95
E	E.C.N. #10BRDR, & REDRAWN IN 3D.	2.16.01

	ELECTRO-OPTICAL CHARACTERISTICS TA=25°C			$I_f = 20mA$		
	PARAMETER	MIN	ΤΥP	MAX	UNITS	TEST COND
	PEAK WAVELENGTH		700		nm	
	FORWARD VOLTAGE		2.0	2.5	v_f	
	REVERSE VOLTAGE	5.0			٧ _٢	I _r = 1 00μΑ
	AXIAL INTENSITY		6		mcd	$I_f = 20 \text{mA}$
C	VIEWING ANGLE		60		2x theta	
	EMITTED COLOR:	RED				
	EPOXY LENS FINISH:	RED D	IFFUSED			

DI LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	105	m₩
DERATE FROM 25°C	- 1.6	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	' C
SOLDERING TEMP.	+ 260	' C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS

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*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECINAL 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 (±0.003), MN= +0.000 MAX.= +

E SSL-LX3044HD

T-3mm (T-1) 700nm RED LED,
RED DIFFUSED LENS.

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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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DRAWN BY: CHECKED BY: APPROVED BY: DATE: 7.16.90
BC PAGE: 1 OF 1
SCALE: N/A