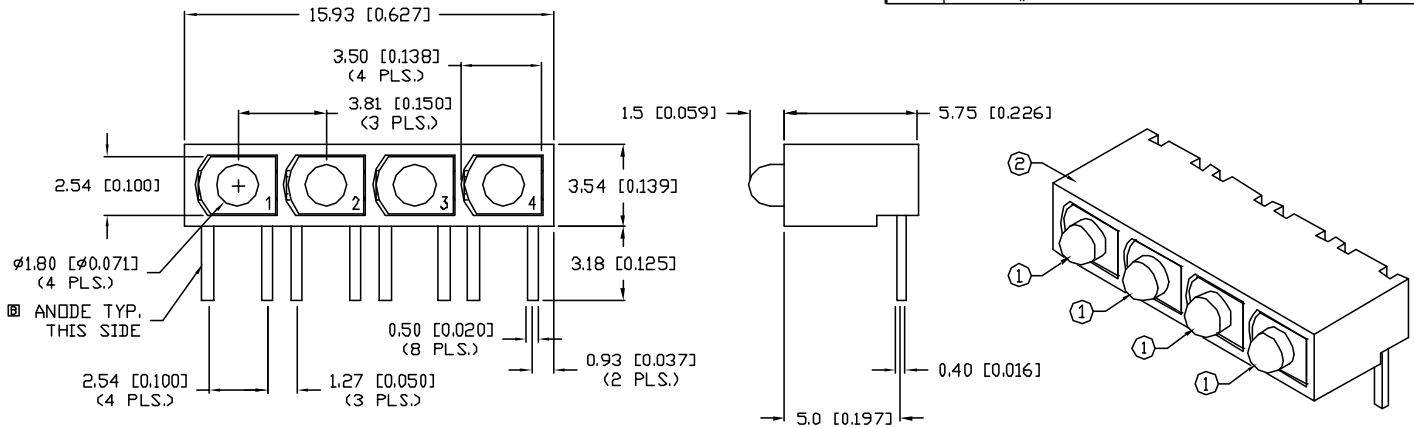


UNCONTROLLED DOCUMENT

PART NUMBER
SSF-LXH504LAD

REV.
B

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10BRDR.	10.9.97
B	E.C.N. #10651.	8.22.00



ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		605		nm	
FORWARD VOLTAGE		2.0	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		30		mcd	$I_f=20\text{mA}$
	1.0			mcd	$I_f=2\text{mA}$
VIEWING ANGLE		70		2x theta	
EMITTED COLOR:	AMBER				
EPOXY LENS FINISH:	AMBER DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
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
* $t < 10\mu\text{s}$		

NOTES:

- SSL-LX20333LAD, AMBER LED. (4 PCS.)
- SSH-LXH504, BLACK HOLDER.
- PARTS TO BE PACKED IN ANTI-STATIC TUBES.

UNCONTROLLED DOCUMENT

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.038), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.006). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030), NN=±0.001 (DECIMAL PRECISION), MAX.=±0.001 (DECIMAL PRECISION)

REV. B	PART NUMBER SSF-LXH504LAD
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RIGHT ANGLE, QUAD HORIZONTAL RANCH FAULT INDICATOR,
605nm AMBER LEDS, AMBER DIFFUSED LENS.

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.

DRAWN BY: KS/BC	CHECKED BY:	APPROVED BY:	DATE: 5.14.97
			PAGE: 1 OF 1
			SCALE: N/A