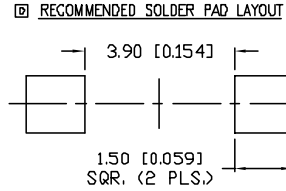
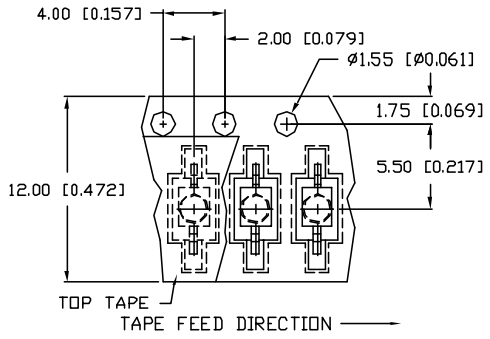
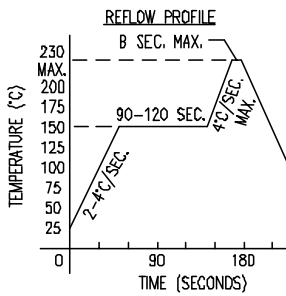
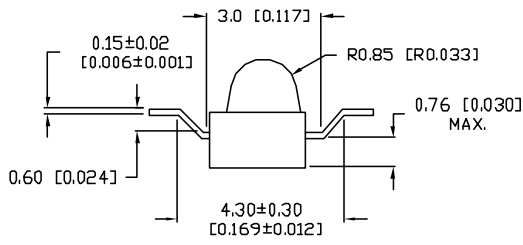
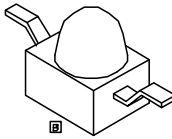
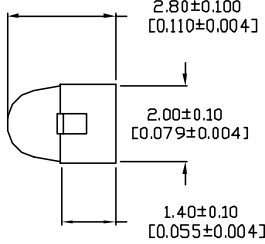
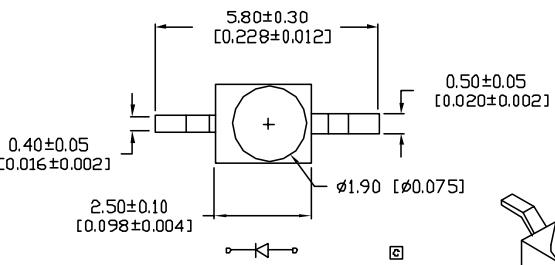


UNCONTROLLED DOCUMENT



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL 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 (±0.030). MIN.=+DECIMAL PRECISION -0.00 MAX.=+0.00 -DECIMAL PRECISION

PART NUMBER
SSL-LXA228SRC-TR31

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHG'D. LENS LOCATION TO FIT SR STYLE.	10.12.95
B	E.C.N. #10695. & 10BRDR.	1.5.01
C	E.C.N. #10745.	5.31.01
D	E.C.N. #10762.	6.18.01
E	E.C.N. #10784.	9.7.01

Ⓜ ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C I_f=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		660		nm	
FORWARD VOLTAGE		1.7	2.2	V _f	
REVERSE VOLTAGE	5.0			V _r	I _f =100μA
AXIAL INTENSITY		600		mcd	I _f =20mA
VIEWING ANGLE		25		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

Ⓜ LIMITS OF SAFE OPERATION AT 25°C PER DIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	60	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY		3 SEC. MAX

* t<10μS

- NOTES:
- 1,000 PIECES PER REEL
 - THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

UNCONTROLLED DOCUMENT

REV. E PART NUMBER SSL-LXA228SRC-TR31

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TW WEB: www.lumex.com.tw

660nm SUPER RED, AXIAL LED,
WATER CLEAR LENS, Z BEND, TAPE AND REEL.

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: TM/BC/CT
CHECKED BY:
APPROVED BY:
DATE: 4.28.95
PAGE: 1 OF 1
SCALE: N/A