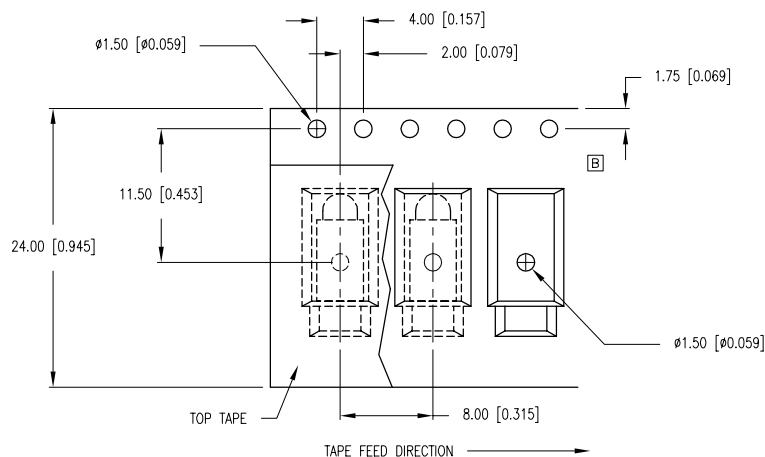
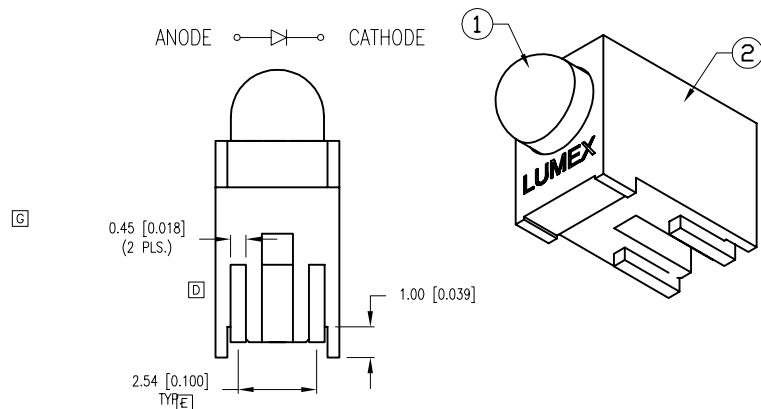
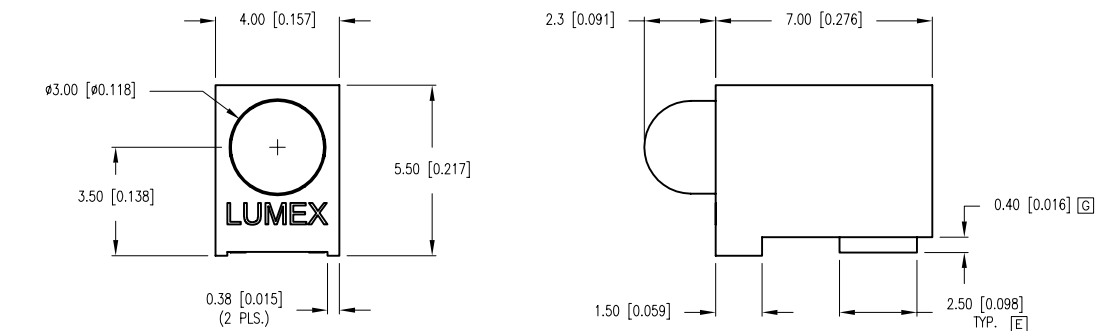
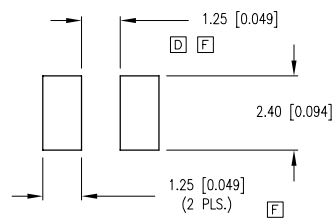




RECOMMENDED SOLDER PAD LAYOUT



SSF-LXH305AD(-TR)

PART NUMBER	REV.	H
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.
10.15.97	E.C.N. #10BRDR. & REDRAWN.	A
05.22.00	E.C.N. #10625.	B
11.30.00	E.C.N. #10683.	C
09.04.01	E.C.N. #10782.	D
04.22.02	E.C.N. #10855	E
05.15.02	E.C.N. #10864.	F
02.20.06	E.C.N. #11311. & 11148.	G
04.18.11	E.C.N. #10BRDR. & REDRAWN.	H

ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C If = 20mA

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		610		nm	
FORWARD VOLTAGE		2.0	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		40		mcd	If=20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	AMBER				
EPOXY LENS FINISH:	AMBER DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C

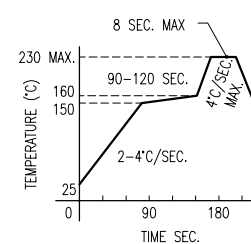
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	mW
DERATE FROM 25°C	-1.6	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+230	°C
2.0mm FROM BODY	3	SEC. MAX.

* t<10μS

NOTES:

1. SSL-LX305F6AD, AMBER LED.
2. SSH-LXH305, BLACK HOLDER.
3. -TR SUFFIX TO DESIGNATE TAPE AND REEL SUPPLIED.
4. CARRIER TAPE #LXP-CARRIER24-56.

REFLOW PROFILE



*UNLESS OTHERWISE SPECIFIED 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). MIN= +DECIMAL PRECISION MAX.= -DECIMAL PRECISION

UNCONTROLLED DOCUMENT

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T-3mm (T-1) RIGHT ANGLE SURFACE MOUNT LED, 610nm AMBER LED, AMBER DIFFUSED LENS, TAPE & REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	NTS	APRVD BY:	JD
UNIT:	mm [INCH]		Ⓟ

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