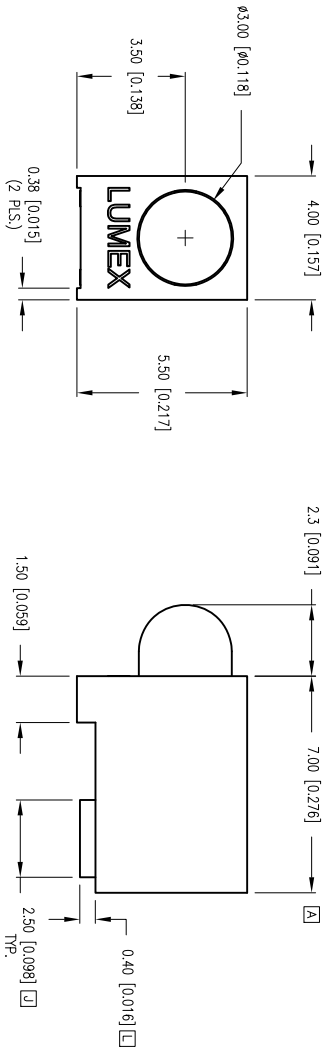


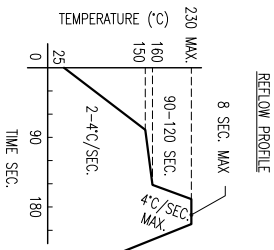
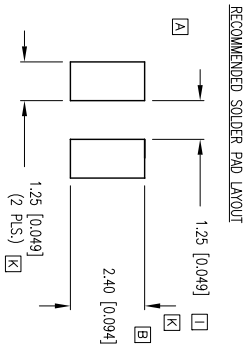
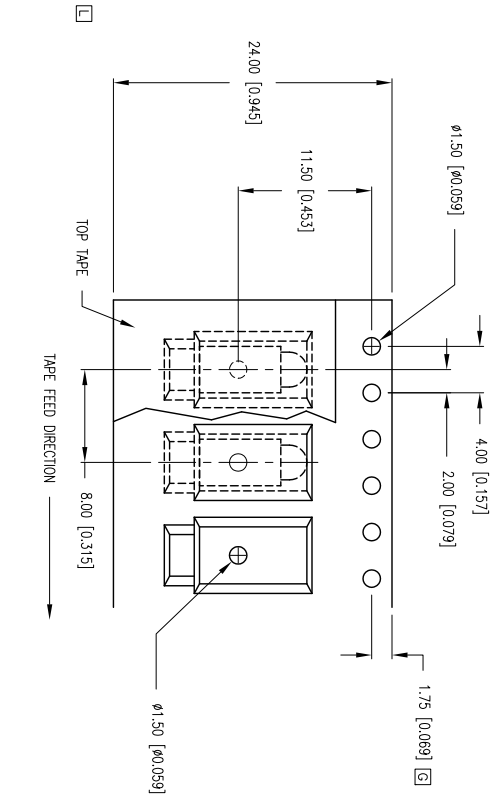
PATENT PENDING

PART NUMBER	SSF-LXH305GD(-TR)	REV.	M
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
05.13.94	ADDED SOLDER PROFILE.	A	
09.12.94	UPDATED SAFE OPER. SPECS.	B	
11.16.94	UPDATED SAFE OPER. SPECS.	C	
03.13.95	CORRECTED PROTRUSION	D	
07.05.95	ADDED TAPE AND REEL OPTION.	E	
10.15.97	E.C.N. #10BRDR. & REDRAWN.	F	
05.22.00	E.C.N. #10625.	G	
11.30.00	E.C.N. #10683.	H	
09.04.01	E.C.N. #10782.	I	
04.22.02	E.C.N. #10855.	J	
05.15.02	E.C.N. #10864.	K	
02.20.06	E.C.N. #11311. & 11148.	L	
04.18.11	E.C.N. #10BRDR. & REDRAWN.	M	

ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C				
PARAMETER	MIN	TYP.	MAX	UNITS
PEAK WAVELENGTH	565		2.6	nm
FORWARD VOLTAGE		2.2		V _F
REVERSE VOLTAGE	5.0			V _R
AXIAL INTENSITY		30		mcd
VIEWING ANGLE		60		2x theta
EMITTED COLOR:		GREEN		
EPOXY LENS FINISH:		GREEN DIFFUSED		

LIMITS OF SAFE OPERATION AT 25°C				
PARAMETER	MAX	UNITS	TEST COND	
PEAK FORWARD CURRENT*	150	mA		
STEADY CURRENT	25	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.		
* I<10mA				

- NOTES:
1. SSL-LX305F69D, GREEN LED.
 2. SSH-LXH305, BLACK HOLDER.
 3. -TR SUFFIX TO DESIGNATE TAPE AND REEL SUPPLIED.
 4. CARRIER TAPE #LXP-CARRIER24-56.



*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.029), 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= -0.00, DECIMAL PRECISION MAX. = +0.00, DECIMAL PRECISION MIN. = -0.00



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T-3mm (T-1) RIGHT ANGLE SURFACE MOUNT LED, 565nm GREEN LED, GREEN DIFFUSED LENS, TAPE & REEL.

DATE: 04.18.11
PAGE: 1 OF 1
SCALE: NTS
UNIT: mm [INCH]

UNCONTROLLED DOCUMENT