

Excellent Integrated System Limited

Stocking Distributor

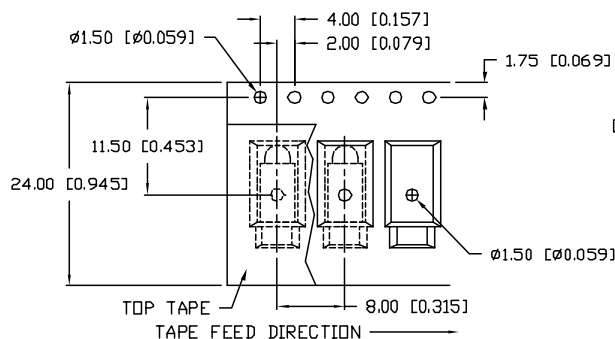
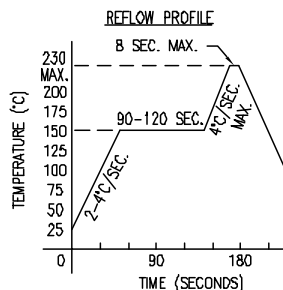
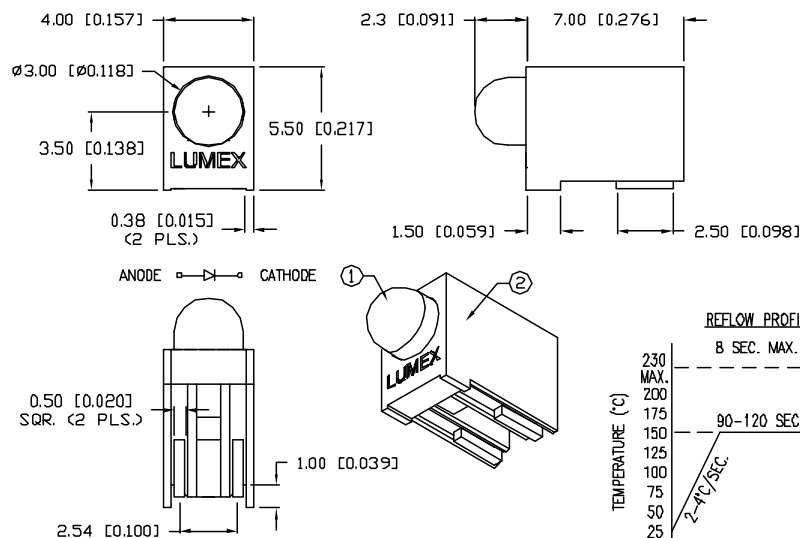
Click to view price, real time Inventory, Delivery & Lifecycle Information:

[Lumex, Inc.](#)
[SSF-LXH305SGD-TR](#)

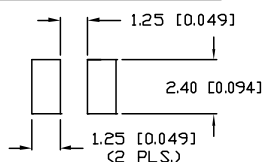
For any questions, you can email us directly:

sales@integrated-circuit.com

UNCONTROLLED DOCUMENT



RECOMMENDED SOLDER PAD LAYOUT



*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 MAX.=+0.00

PART NUMBER		REV.
SSF-LXH305SGD(-TR)		A
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10864.	05/04/05

PATENT PENDING

ELECTRO-OPTICAL CHARACTERISTICS		T _A =25°C		I _f =20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100μA
AXIAL INTENSITY		150		mod	I _f =20mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	- 1.6	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	°C
SOLDERING TEMP.	+ 230	°C
		3 SEC. MAX

* $t < 10 \mu S$

NOTES:

1. SSL-LX305F4SGD, RED LED.
2. SSH-LXH305, BLACK HOLDER.
3. -TR SUFFIX TO DESIGNATE TAPE AND REEL SUPPLIED.
4. CARRIER TAPE #LXP-CARRIER24-56.

UNCONTROLLED DOCUMENT

REV. A	PART NUMBER SSF-LXH305SGD(-TR)	CONFIDENTIAL INFORMATION THE INFORMATION CONTAINED IN THIS DOCUMENT IS THE PROPERTY OF LUMEX INC. EXCEPT AS SPECIFICALLY AUTHORIZED IN WRITING BY LUMEX INC., THE HOLDER OF THIS DOCUMENT SHALL KEEP ALL INFORMATION CONTAINED HEREIN CONFIDENTIAL AND SHALL PROTECT SAME IN WHOLE OR IN PART FROM DISCLOSURE AND DISSEMINATION TO ALL THIRD PARTIES. 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.	 290 E. HELEN ROAD PALATINE, IL 60067-6976 PHONE: +1.847.359.2790 US WEB: www.lumex.com TW WEB: www.lumex.com.tw	DRAWN BY: CT CHECKED BY: APPROVED BY: DATE: 2.16.01 PAGE: 1 OF 1 SCALE: N/A
T-3mm (T-1) RIGHT ANGLE SURFACE MOUNT LED, 565nm SUPER GREEN DIFFUSED, GREEN DIFFUSED LENS, TAPE AND REEL.				