

Excellent Integrated System Limited

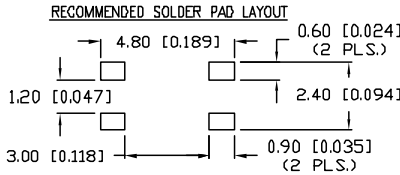
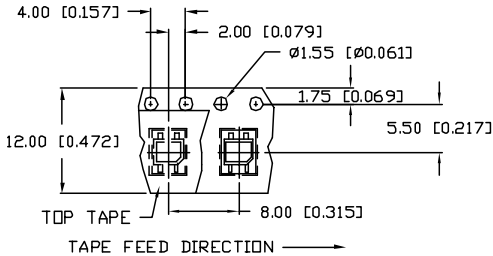
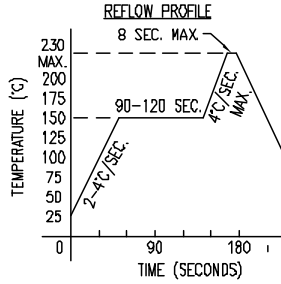
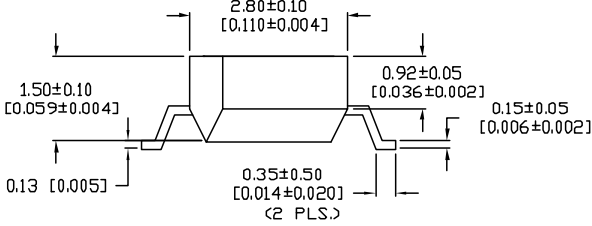
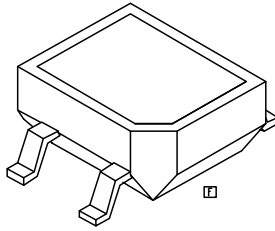
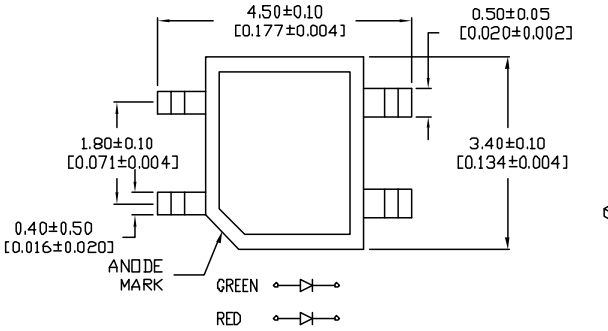
Stocking Distributor

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

[Lumex, Inc.](#)
[SSL-LXA3025IGC-TR](#)

For any questions, you can email us directly:
sales@integrated-circuit.com

UNCONTROLLED DOCUMENT



PART NUMBER		REV.
SSL-LXA3025IGC-TR		F

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10121.	2.9.96
B	E.C.N. #10219.	4.15.96
C	E.C.N. #10218.	7.24.96
D	E.C.N. #10BRDR. & REDRAWN.	11.10.98
E	E.C.N. #10543	8.11.99
F	E.C.N. #10695. & REDRAWN IN 3D.	1.12.01

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		635 (RED)		nm	
		565 (GREEN)		nm	
FORWARD VOLTAGE (R/G)		2.0/2.2	2.5/2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	$I_f=100\mu\text{A}$
AXIAL INTENSITY (R/G)		12/20		md	$I_f=20\text{mA}$
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	RED/GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	COLORS	MAX	UNITS
PEAK FORWARD CURRENT*		160	mA
STEADY CURRENT (R/G)		30/25	mA
POWER DISSIPATION		100	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

- * $t < 10\mu\text{s}$
- NOTES:
- SUPPLIED ON 12mm TAPE AND REEL, 1,000 PIECES PER REEL.
 - THE CATHODE IS ORIENTED TOWARDS THE SPROCKET HOLE.
- CAUTION: MOISTURE SENSITIVE DEVICE
- SHELF LIFE IN SEALED BAG: 12 MONTHS AT $<40^\circ\text{C}$ AND $<80\%$ RELATIVE HUMIDITY (RH).
 - AFTER THIS BAG IS OPENED, DEVICES HAVE TO BE MOUNTED WITHIN 48 HOURS OR STORED AT $<30\%$ RH.

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*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= -0.000, MAX= +0.000

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3.0 x 2.5mm AXIAL SMT LED, RED/GREEN,
 WATER CLEAR LENS, 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:	CHECKED BY:	APPROVED BY:	DATE:
DU/CT			4.24.95
			PAGE: 1 OF 1
			SCALE: N/A