

Excellent Integrated System Limited

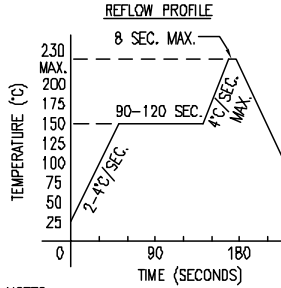
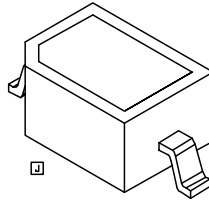
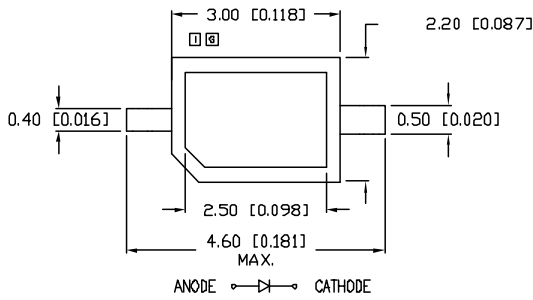
Stocking Distributor

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

[Lumex, Inc.](#)
[SSL-LXA1725GC-TR](#)

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

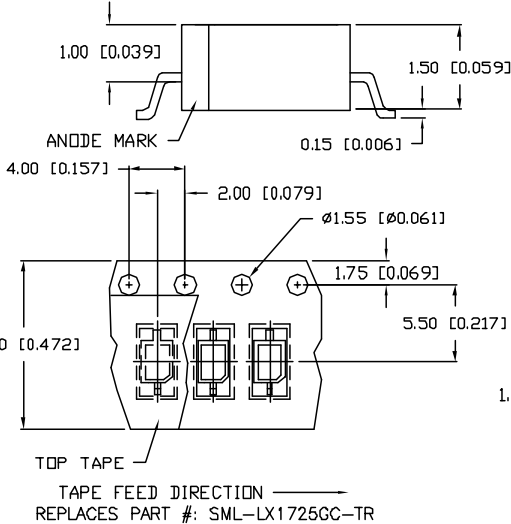
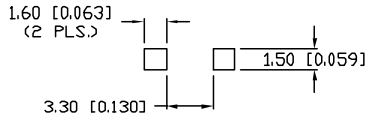
UNCONTROLLED DOCUMENT



NOTES:

- SUPPLIED ON 12mm TAPE, 2,000 PIECES PER REEL.
- THE CATHODE IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.

RECOMMENDED SOLDER PAD LAYOUT



TAPE FEED DIRECTION
 REPLACES PART #: SML-LX1725GC-TR

*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).

PART NUMBER		REV.
SSL-LXA1725GC-TR		L
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	CHANGED PART NUMBER.	7.24.95
B	E.C.N. #10117.	1.29.96
C	E.C.N. #10130.	2.29.96
D	E.C.N. #10209.	7.9.96
E	E.C.N. #10275.	11.22.96
F	E.C.N. #10BRDR. & REDRAWN.	5.27.98
G	E.C.N. #10462. & #10BRDR.	10.8.98
H	E.C.N. #10543.	8.11.99
I	E.C.N. #10601.	3.13.00
J	E.C.N. #10695.	1.5.01
K	E.C.N. #10761.	6.18.01
L	E.C.N. #11148.	11.16.06

ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^\circ\text{C}$ $I_f=20\text{mA}$				
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 $I_r=100\mu\text{A}$
AXIAL INTENSITY		25		mcd $I_f=20\text{mA}$
VIEWING ANGLE		130		2x theta
EMITTED COLOR:	GREEN			
EPOXY LENS FINISH:	WATER CLEAR			

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +85	°C

* $t < 10\mu\text{s}$
CAUTION: MOISTURE SENSITIVE DEVICE
 1. SHELF LIFE IN SEALED BAG: 12 MONTHS AT $<40^\circ\text{C}$ AND $<90\%$ RELATIVE HUMIDITY (RH).
 2. AFTER THIS BAG IS OPENED, DEVICES HAVE TO BE MOUNTED WITHIN 48 HOURS OR STORED AT $<30\%$ RH.

UNCONTROLLED DOCUMENT

REV.	PART NUMBER
L	SSL-LXA1725GC-TR
AXIAL LEAD WITH FLAT TOP AND MOLDED REFLECTOR, 565nm GREEN LED, WATER CLEAR LENS, TAPE AND REEL.	

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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.

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DRAWN BY:	CHECKED BY:	APPROVED BY:	DATE: 11.16.06
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