

Excellent Integrated System Limited

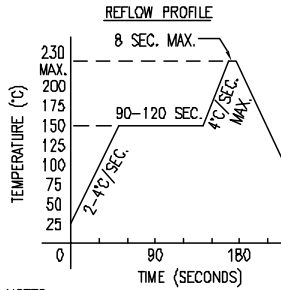
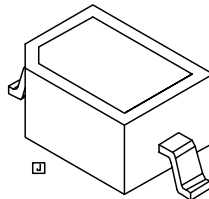
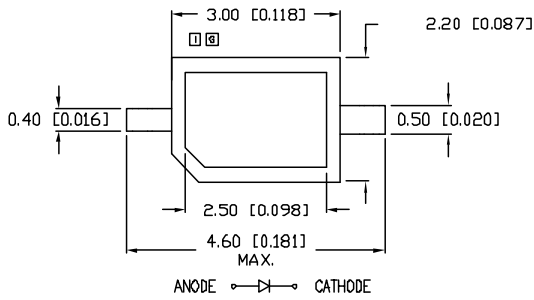
Stocking Distributor

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

[Lumex, Inc.](#)
[SSL-LXA1725YC-TR](#)

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

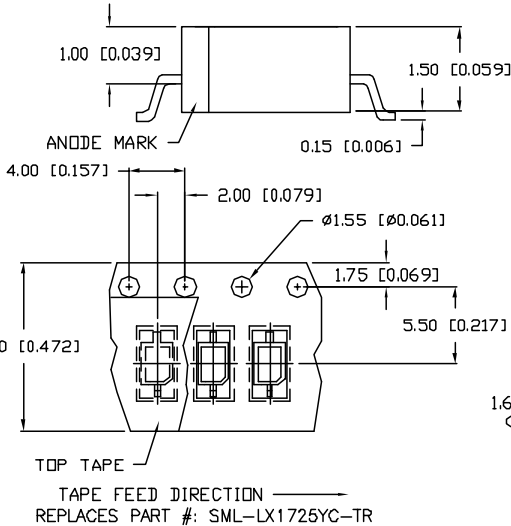
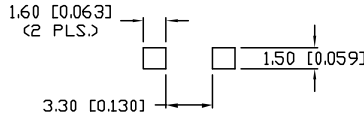
UNCONTROLLED DOCUMENT



NOTES:

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

RECOMMENDED SOLDER PAD LAYOUT



PART NUMBER		REV.
SSL-LXA1725YC-TR		K

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

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		585		nm	
FORWARD VOLTAGE		2.1	2.5	V _f	
REVERSE VOLTAGE	5.0			V _r	I _f =100μA
AXIAL INTENSITY		12		mcd	I _f =20mA
VIEWING ANGLE		130		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	160	mA
STEADY CURRENT	30	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°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
K	SSL-LXA1725YC-TR

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AXIAL LEAD WITH FLAT TOP AND MOLDED REFLECTOR,
 585nm YELLOW LED, 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:
ct			4.4.95
			PAGE: 1 OF 1
			SCALE: N/A