

## Excellent Integrated System Limited

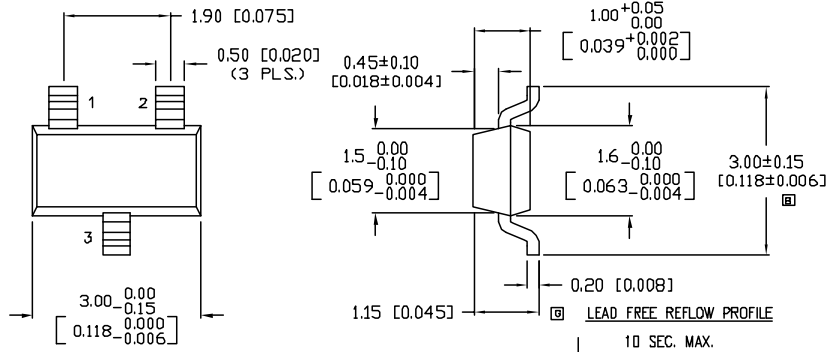
Stocking Distributor

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

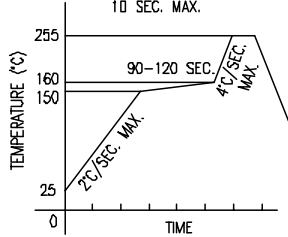
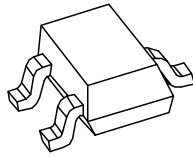
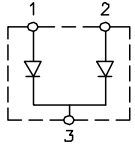
[Lumex, Inc.](#)  
[SSL-LX15GGC-RP-TR](#)

For any questions, you can email us directly:  
[sales@integrated-circuit.com](mailto:sales@integrated-circuit.com)

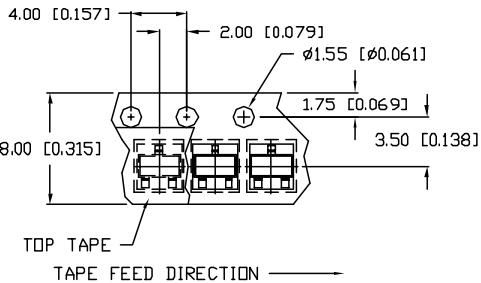
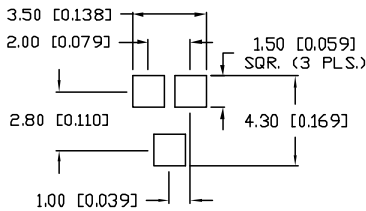
UNCONTROLLED DOCUMENT



TOP VIEW POLARITY



TOTAL TIME ABOVE 220°C IS 60 SECONDS MAX.



TAPE FEED DIRECTION

\*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), LEAD SIZE=±0.05 (0.002), LEAD LENGTH=±0.75 (±0.030), MIN= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION

PART NUMBER		REV.
SSL-LX15GGC-RP-TR		G
REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
A	E.C.N. #10165.	5.21.96
B	E.C.N. #10412.	4.28.98
C	E.C.N. #10BRDR. & REDRAWN.	1.15.01
D	E.C.N. #10752.	5.25.01
E	E.C.N. #10877.	6.10.02
F	E.C.N. #10901.	8.22.02
G	E.C.N. #11148.	2.16.05

ELECTRO-OPTICAL CHARACTERISTICS T <sub>A</sub> =25°C I <sub>f</sub> =20mA					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V <sub>f</sub>	
REVERSE VOLTAGE	5.0			V <sub>r</sub>	I <sub>r</sub> =100μA
AXIAL INTENSITY		10		mcd	I <sub>f</sub> =20mA
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	180	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-30 TO +85	°C

\* t<10μs

NOTES:

- ① 3,000 PIECES PER REEL.
- ② PIN 3 IS ORIENTED TOWARDS THE TAPE SPROCKET HOLE.
- ③ LABEL MUST BE PERMANENTLY ATTACHED TO EACH REEL.



UNCONTROLLED DOCUMENT

REV.	PART NUMBER
G	SSL-LX15GGC-RP-TR
SOT-23 SURFACE MOUNT 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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