

Excellent Integrated System Limited

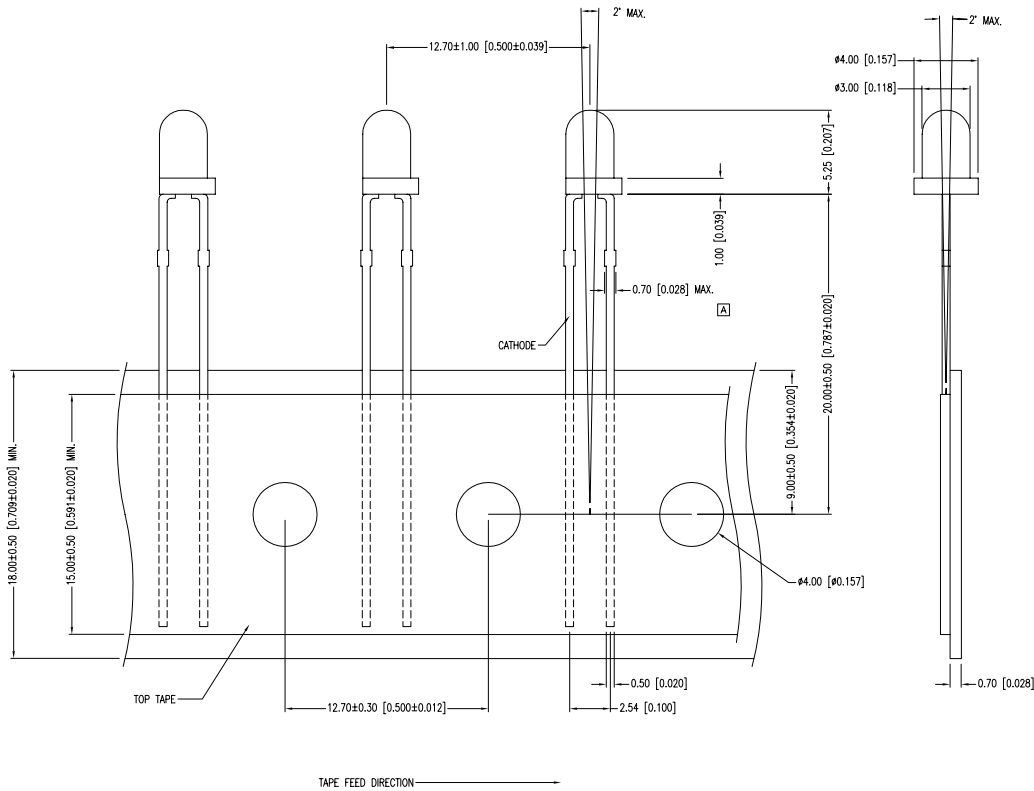
Stocking Distributor

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[Lumex, Inc.](#)
[SSL-LX3054GD-TR](#)

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

PART NUMBER	SSL-LX3054GD-TR	REV.	A
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
06.13.11	#10BRDR. & REDRAWN/#11728.		A



[A] ELECTRO-OPTICAL CHARACTERISTICS TA = 25°C If = 20mA

PARAMETER	MIN	TYP.	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.5	Vf	
REVERSE VOLTAGE	5.0			Vr	If=100μA
AXIAL INTENSITY	14	30		mcad	If=10mA
VIEWING ANGLE		60		2x theta	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN DIFFUSED				

[A] LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	140	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	63	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING TEMP.	-40 TO +85	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX.

* I_f10μS

NOTES:
1. 1,500 PER REEL.

*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.= -DECIMAL PRECISION UNCONTROLLED DOCUMENT

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T-3mm (T-1) 565nm GREEN LED, GREEN DIFFUSED LENS, TAPE AND REEL, 1.5k PER REEL.

THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

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DATE:	06.13.11	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRD BY:	BC
UNIT:	mm [INCH]		