PART NUMBER	SSL-LX5093SYC-TR		REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS			REV.
01.25.07	E.C.N. #11148.			A
10.02.12	E.C.N. #10BRDR. & REDRAWN.			B

ø5.90 [ø0.232]
ø5.00 [ø0.197]
5.45 [0.215]

12.7±1.0
[0.500±0.039]

2.0 MAX.

2.0 MAX.

8.60 [0.339]

1.00 [0.039]

18.0 [0.709]

CATHODE

9.0 [0.354]

18.0 [0.709]

15.00 [0.591] MAX.

ø4.00 [ø0.157]

2.54 [0.100]

12.7±1.0
[0.500±0.039]

0.50 [0.020] SQR.

0.70 [0.028] MAX.

TAPE FEED DIRECTION →
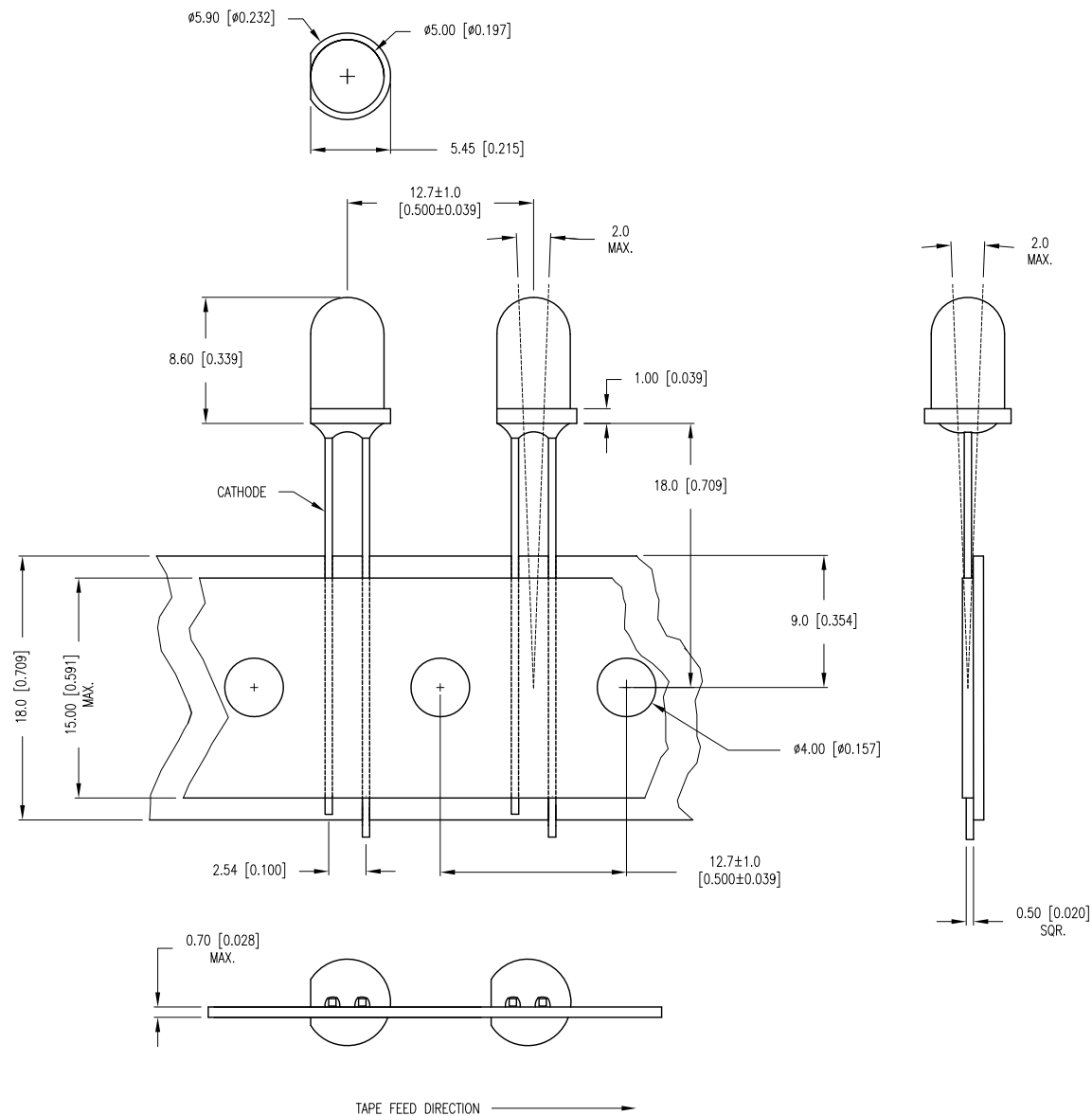
ELECTRO-OPTICAL CHARACTERISTICS Ta=25°C   If=20mA

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		2.1	2.5	Vf	
REVERSE VOLTAGE	4.0			Vr	Ir=100µA
AXIAL INTENSITY		1000		mcd	If=20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	105	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.

* t<10µS

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QUASARBRITE T-5mm (T-1 3/4) 590nm SUPER YELLOW LED, WATER CLEAR LENS, TAPE & REEL.

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

DATE:	10.02.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		

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