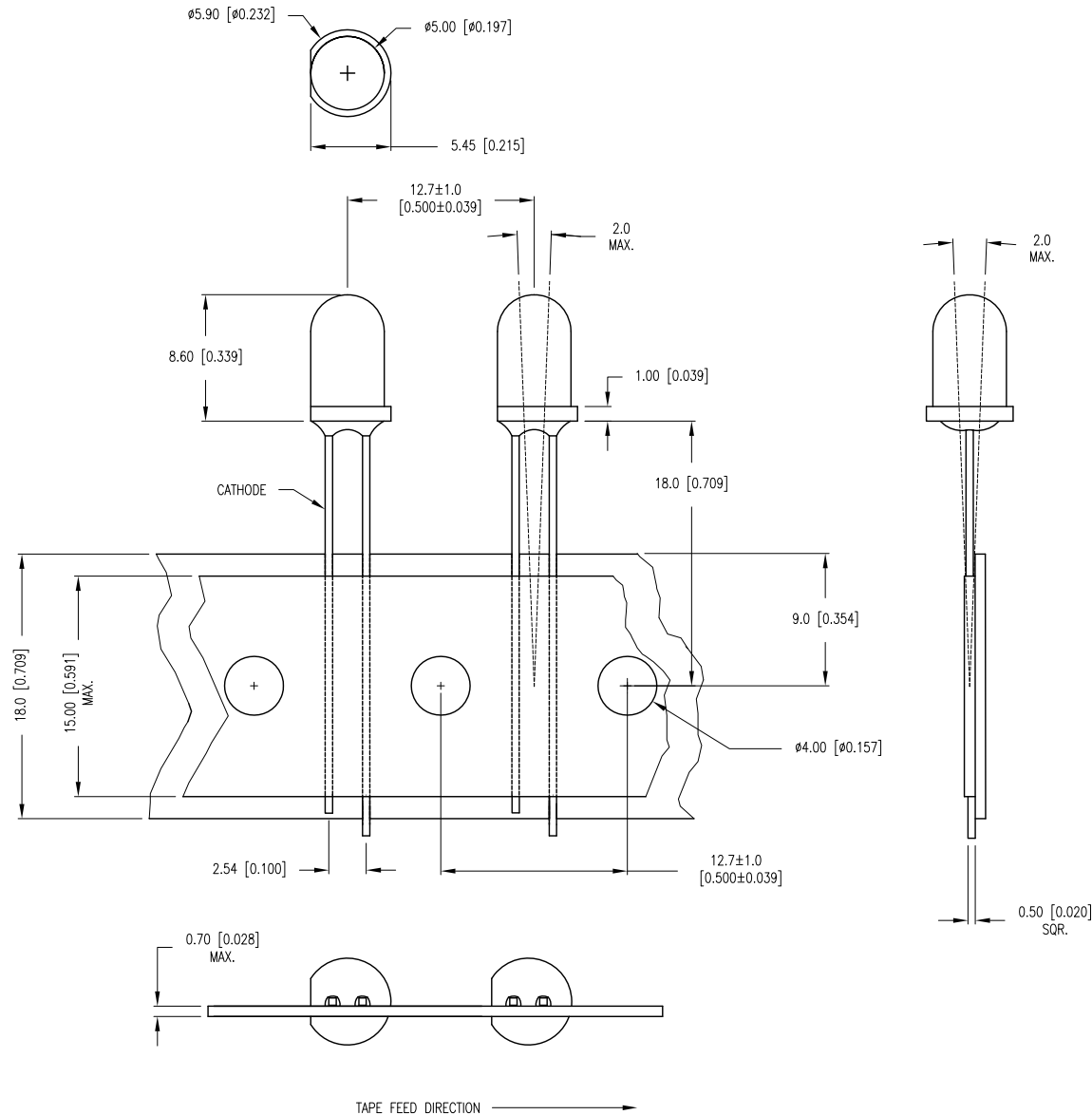


PART NUMBER	SSL-LX5093PGT-TR	REV.	B
DATE	E.C.N. NUMBER AND REVISION COMMENTS	REV.	
10.23.06	E.C.N. #11148.	A	
09.04.12	E.C.N. #10BRDR. & REDRAWN.	B	



ELECTRO-OPTICAL CHARACTERISTICS		Ta=25°C		If=20mA	
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.0	2.6	Vf	
REVERSE VOLTAGE	5.0			Vr	Ir=100μA
AXIAL INTENSITY		50		mcd	If=20mA
VIEWING ANGLE		30		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	GREEN TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	25	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.

* $t < 10 \mu\text{S}$

UNCONTROLLED DOCUMENT

*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.= $\frac{+\text{DECIMAL PRECISION}}{-0.00}$ MAX.= $\frac{+0.00}{-\text{DECIMAL PRECISION}}$

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QUASARBRITE T-5mm (T-1 3/4) 565nm GREEN LED, GREEN TRANSPARENT LENS, TAPE AND REEL.

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

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DATE: 09.04.12	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: KF
SCALE: NTS	APRVD BY: KF
UNIT: mm [INCH]	