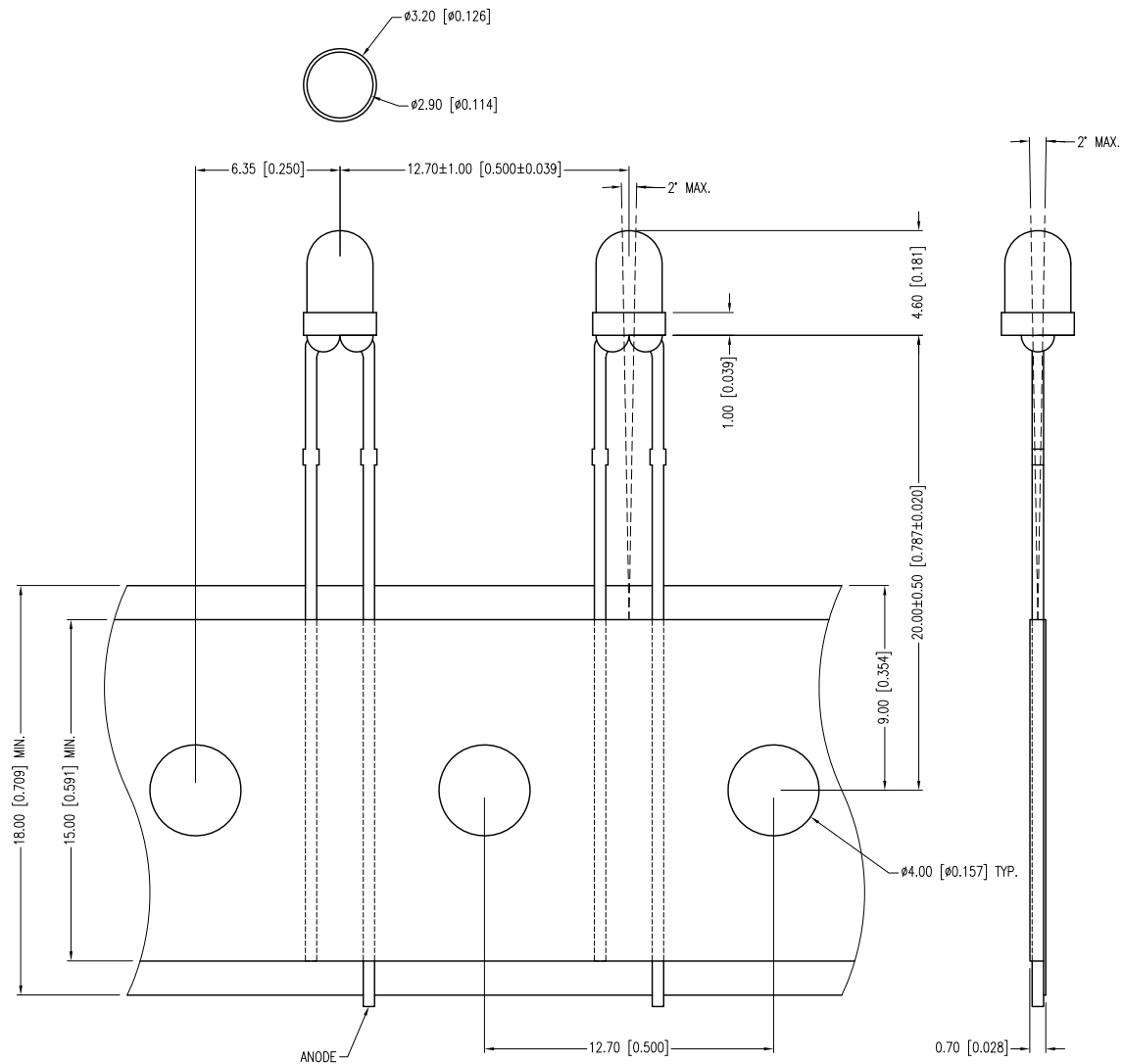


PART NUMBER	SSL-LX3044GT-TR	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
11.28.94	REDRAWN & UPDATED SPECS.		A
04.23.96	E.C.N. #10152.		B
08.31.12	E.C.N. #10BRDR. & REDRAWN.		C

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

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		565		nm	
FORWARD VOLTAGE		2.2	2.6	V _f	
REVERSE VOLTAGE	5.0			V _r	I _r =100 μ A
AXIAL INTENSITY	20	60		mcd	I _f =20mA
VIEWING ANGLE		34		2x theta	
EMITTED COLOR:	GREEN				
LENS FINISH:	GREEN TRANSPARENT				

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.

* t<10 μ s

NOTES:

- 2,000 PIECES PER REEL.

*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}_{-0.00} MAX= ^{+0.00}_{-DECIMAL PRECISION}

UNCONTROLLED DOCUMENT

QUASARBRITE T-3mm (T-1) 565nm GREEN LED, GREEN TRANSPARENT LENS.

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

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DATE:	08.31.12	DRAWN BY:	AB
PAGE:	1 OF 1	CHKD BY:	KF
SCALE:	NTS	APRVD BY:	KF
UNIT:	mm [INCH]		Ⓟ