

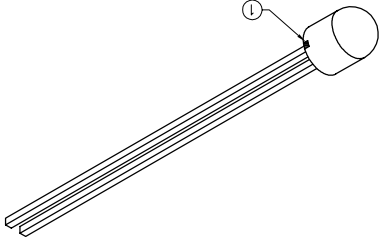
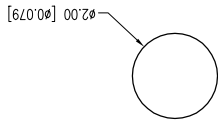
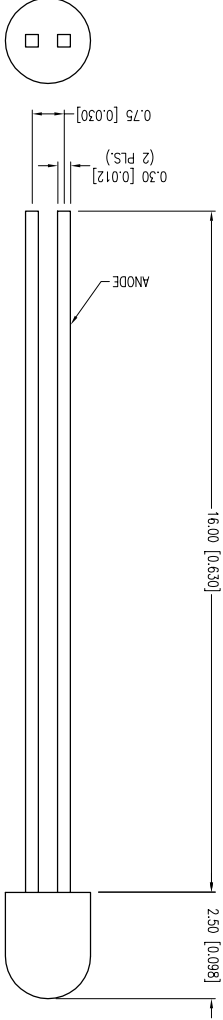
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CONFIDENTIAL INFORMATION

T-2 CERAMIC STEM LED, 574nm AllInGaN GREEN LED, GREEN TRANSPARENT LENS.
THE SPECIFICATIONS MAY CHANGE AT ANY TIME WITHOUT NOTICE DUE TO NEW MATERIALS OR PRODUCT IMPROVEMENT.

DATE: 07.26.11	DRAWN BY: AB
PAGE: 1 OF 1	CHKD BY: JD
SCALE: NTS	APRD BY: JD
UNIT: mm [INCH]	

*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=-0.00 (±0.000), DECIMAL PRECISION MAX=±0.00 (±0.000), DECIMAL PRECISION

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1. ANODE MARK IS INDICATED BY A SMALL MARKING ON THE SIDE OF THE CERAMIC SURFACE.

NOTES:

PARAMETER	UNITS	MAX	MIN
PEAK FORWARD CURRENT*	mA	150	25
STEADY CURRENT	mA	25	
POWER DISSIPATION	mW	105	
DERATE FROM 25°C	mW/°C	-1.6	
OPERATING TEMP.	°C	-25 TO +75	
STORAGE TEMP.	°C	-25 TO +100	
SOLDERING TEMP.	°C	+260	
2.0mm FROM BODY	SEC.	MAX.	3

* I<10µs

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	UNITS	MAX	MIN	TYP.
PEAK WAVELENGTH	nm	562		
FORWARD VOLTAGE	Vf	2.6		
REVERSE VOLTAGE	Vr		5.0	
AXIAL INTENSITY	cd	12		
VIEWING ANGLE	2x theta	160		
EMITTED COLOR:		GREEN		
EPOXY LENS FINISH:		GREEN TRANSPARENT		

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

PART NUMBER	SLS-LX203CSUGT	REV.	B
DATE	05.13.04	E.C.N. #	11126
REV.	A	E.C.N. #	10BRDR. & REDRAWN.

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