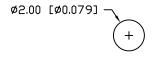
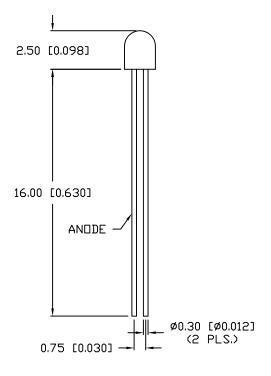
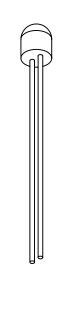
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NOTES:

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

PART NUMBER SSL-LX203CSRT

rev.

REV.	E.C.N. NUMBER AND REVISION COMMENTS	DATE
Α	E.C.N. #10108.	1.4.96
В	E.C.N. #10145.	4.12.96
С	E.C.N. #10BRDR. & REDRAWN.	2.9.01
D	E.C.N. #11126.	5.13.04

ELECTRO-OPTICAL CHARACTERISTICS TA=25°C If=20mA							
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND		
PEAK WAVELENGTH		660		nm			
FORWARD VOLTAGE		1.7	2.2	V_{f}			
REVERSE VOLTAGE	4.0			V_r	Ir=100µA		
AXIAL INTENSITY		10		mcd	$I_f = 20 \text{mA}$		
VIEWING ANGLE		160		2x theta			
EMITTED COLOR:	RED						
EPOXY LENS FINISH:	RED TRA	ANSPARENT					

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	150	mA
STEADY CURRENT	30	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	- 1.6	mW/°C
OPERATING TEMP.	- 25 TO + 75	•C
STORAGE TEMP.	- 25 TO + 100	•C
SOLDERING TEMP.	+ 260	•C
2.0mm FROM BODY		3 SEC. MAX

* t<10µS

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*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 MAX.= +0.00 -DECIMAL PRECIS

PART NUMBER

D SSL-LX203CSRT

T-2 CERAMIC STEM LED,

660nm SUPER RED LED, RED TRANSPARENT LENS.

CONFIDENTIAL INFORMATION

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RELABILITY NOTE
OUR MANY YEARS OF EXPERIENCE DATA ACCUMULATION INDICATE THAT
SOLDER HEAT IS A MAJOR CAUSE OF EARLY AND FUTURE FAILURE.
PLEASE PAY ATTENTION TO YOUR SOLDERING PROCESS.



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DRAWN BY: CHECKED BY: APPROVED BY: DATE:

PAGE: 8.19.93 PAGE: 1 OF 1 SCALE: N/A