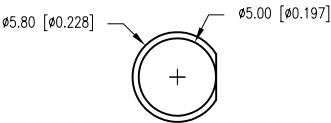
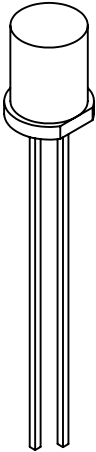
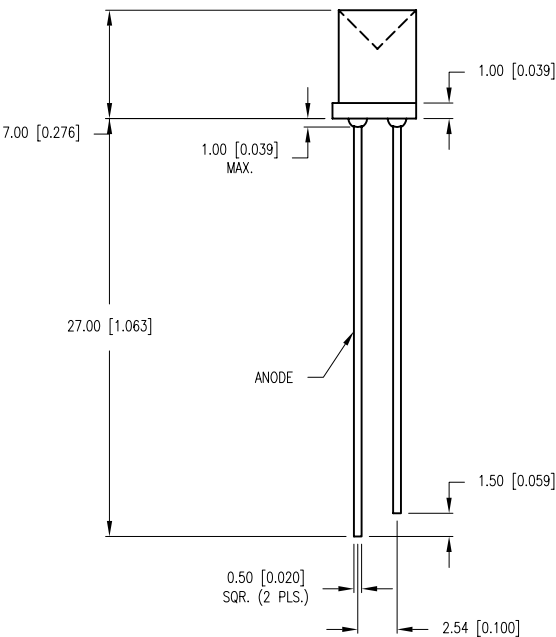


PART NUMBER	SSL-LX507DT3SRT	REV.	C
DATE	E.C.N. NUMBER AND REVISION COMMENTS		REV.
05.31.01	E.C.N. #10BRDR. & REDRAWN IN 3D.		A
11.01.06	E.C.N. #11148		B
10.04.11	E.C.N. #10BRDR.		C



ELECTRO-OPTICAL CHARACTERISTICS T _A =25°C I _f = 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	I _r =100μA
AXIAL INTENSITY		30		mcd	I _f = 20mA
VIEWING ANGLE		140		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED TRANSPARENT				



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	- 1.2	mW/°C
OPERATING, STORAGE TEMP.	- 40 TO + 85	°C
SOLDERING TEMP.	+ 260	°C
2.0mm FROM BODY		3 SEC. MAX
* t<10μS		