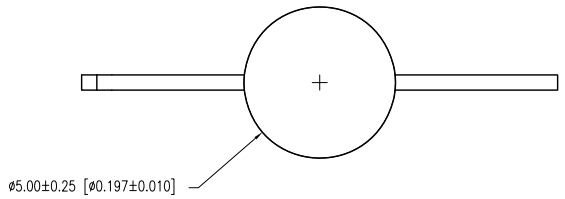
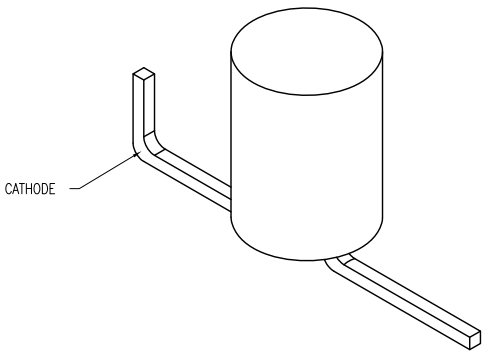
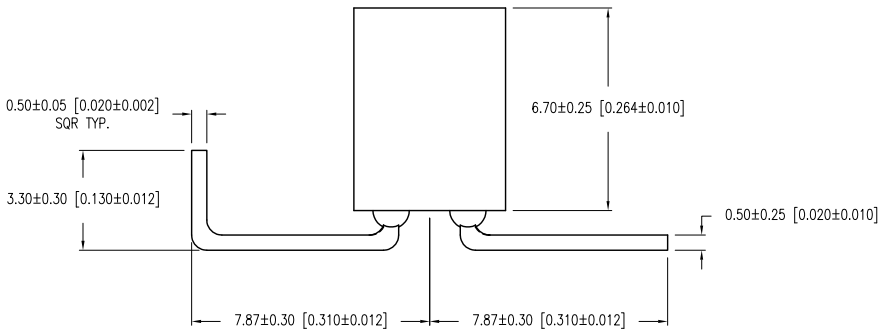
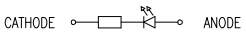
PART NUMBER	SSL-LX507FT3IT-BL	REV.	









ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C V_f = 14V

PARAMETER	SYM	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH			660		nm	V_f = 14V
FORWARD VOLTAGE	Vf		14	16	V	V_f = 14V
FORWARD CURRENT	If		10.5	13.5	mA	V_f = 14V
REVERSE VOLTAGE	Vr	5			V	I_r=10mA
AXIAL INTENSITY	Iv	110	260		mcd	V_f = 14V
VIEWING ANGLE			50		2x theta	
EMITTED COLOR:	RED					
EPOXY LENS FINISH:	RED TRANSPARENT					

LIMITS OF SAFE OPERATION AT 25°C PERDIE

PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	16	mA
STEADY CURRENT	10.2	mA
POWER DISSIPATION	160	mW
DERATE FROM 50°C	0.7	mA
OPERATING TEMP.	-40 TO +70	°C
STORAGE TEMP.	-40 TO +85	°C
SOLDERING TEMP.	+260	°C
2.0MMFROMBODY	5	SEC. MAX

*T<10µS

NOTES:

1. CUSTOMER PART NUMBER #28-6404-3.

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

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T-5mm (T-1 3/4) RED LED, RED TRANSPARENT.

DATE:	11.13.13	DRAWN BY:	MA
PAGE:	1 OF 1	CHKD BY:	JD
SCALE:	N/A	APRVD BY:	JD
UNIT:	mm [INCH]		Pb