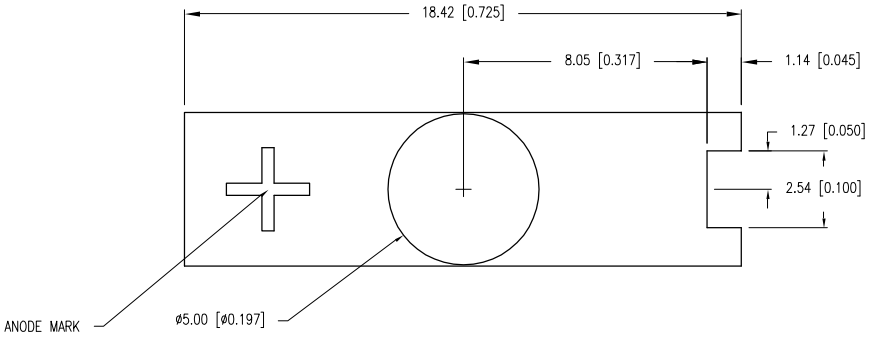
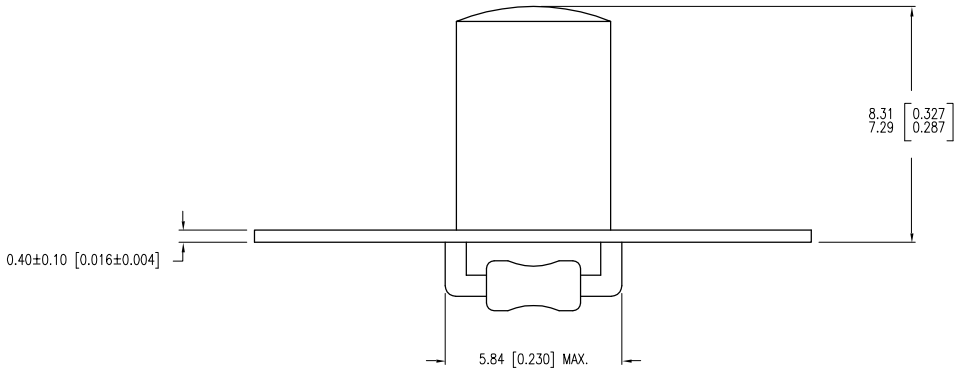
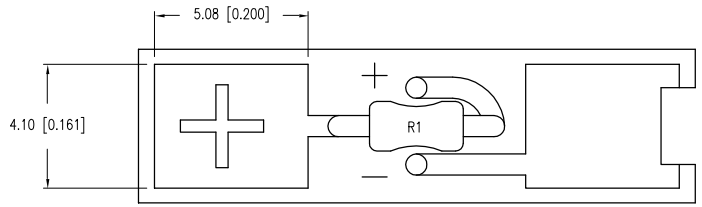
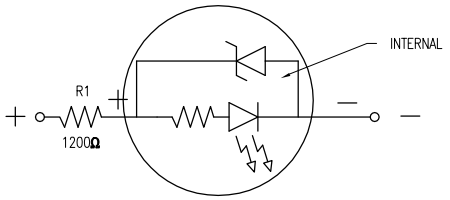
PART NUMBER	SSA-PCB507RT3SYT28	REV.	









ELECTRO-OPTICAL CHARACTERISTICS T_A=25°C V_f=28V

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		590		nm	
FORWARD VOLTAGE		28	30	V_f	
REVERSE VOLTAGE	5.0			V_r	I_r=100µA
AXIAL INTENSITY		230		mcd	V_f = 28V
VIEWING ANGLE		50		2x theta	
EMITTED COLOR:	YELLOW				
EPOXY LENS FINISH:	YELLOW TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE*	30	V
STEADY CURRENT	8.2	mA
POWER DISSIPATION	260	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

NOTES:

1. CUSTOMER PART NUMBER #28-6949-2.
2. DESCRIPTION: T 1-3/4 (5mm) LED ON PCB WITH RESISTOR FOR 28V APPLICATION.
3. CHARACTERISTICS:
   REVERSE VOLTAGE DC= 32 V MAX.

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

UNCONTROLLED DOCUMENT

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CUSTOM LED ASSEMBLY.

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

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DATE: 01.20.10	DRAWN BY: JN
PAGE: 1 OF 1	CHKD BY:
SCALE: N/A	APRVD BY: BC
UNIT: mm [INCH]	Pb