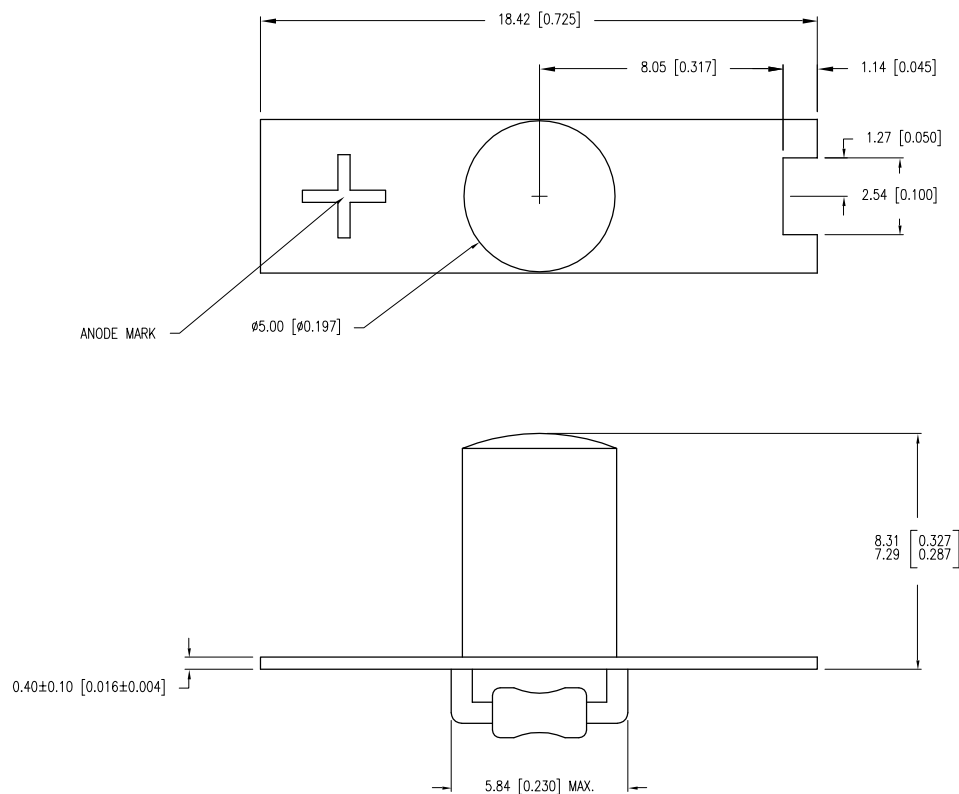
ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $V_f = 28\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		28	30	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f = 100\mu\text{A}$
AXIAL INTENSITY		220		mcd	$V_f = 28\text{V}$
VIEWING ANGLE		50		2θ	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	RED 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	$\text{mW}/^\circ\text{C}$
OPERATING, STORAGE TEMP.	-40 TO +85	$^\circ\text{C}$
SOLDERING TEMP.	+260	$^\circ\text{C}$
2.0mm FROM BODY	3	SEC. MAX

* $t < 10\mu\text{s}$

NOTES:

- CUSTOMER PART NUMBER #28-6949.
- DESCRIPTION: T 1-3/4 (5mm) LED ON PCB WITH RESISTOR FOR 28V APPLICATION.
- 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= +DECIMAL PRECISION MAX.= +0.00 -DECIMAL PRECISION