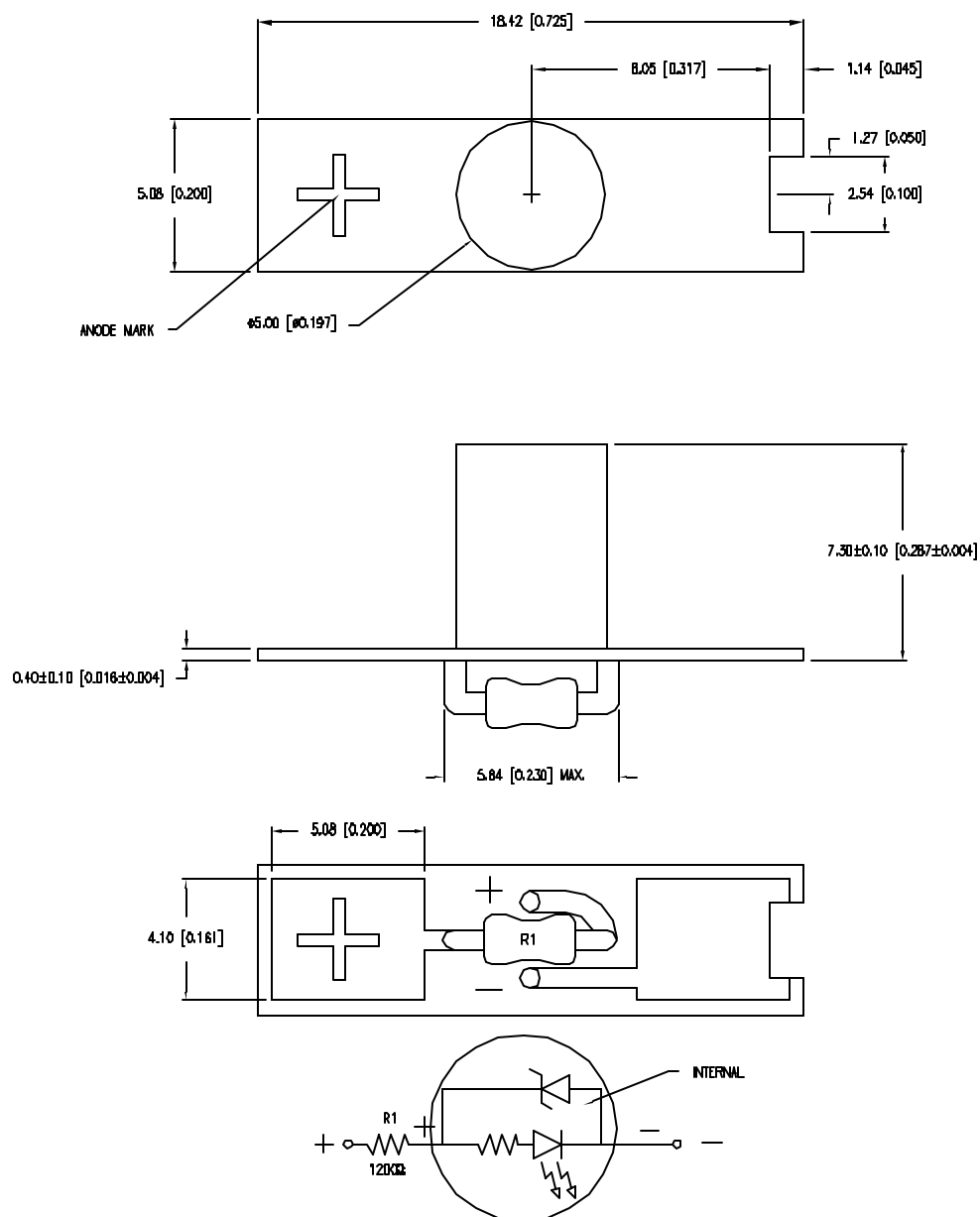


ELECTRO-OPTICAL CHARACTERISTICS $T_A = 25^\circ\text{C}$ $V_f = 2.8\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		570		nm	
FORWARD VOLTAGE		2.8	3.0	V _f	
FORWARD CURRENT		8	9	mA	
REVERSE VOLTAGE	5.0			V _r	$I_f = 100\mu\text{A}$
AXIAL INTENSITY	20		80	mcad	$V_f = 2.8\text{V}$
VIEWING ANGLE		100		2x 110°	
EMITTED COLOR:	GREEN				
EPOXY LENS FINISH:	GREEN TRANSPARENT				

LIMITS OF SAFE OPERATION AT 25°C

PARAMETER	MAX	UNITS
PEAK FORWARD VOLTAGE*	3.0	V
STEADY CURRENT	9.0	mA
POWER DISSIPATION	100	mW
DERATE FROM 25°C	-1.2	mW/°C
OPERATING, STORAGE TEMP.	-40 TO +80	°C
SOLDERING TEMP.	+260	°C
2.0mm FROM BODY	3	SEC. MAX

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

NOTES:

1. CUSTOMER PART NUMBER #28-6848-3.
2. CHARACTERISTICS:
REVERSE VOLTAGE DC= 32 V MAX.

*UNLESS OTHERWISE SPECIFIED TOLERANCES PER DECIMAL PRECISION ARE: X=±1 (±0.039), XX=±0.5 (±0.020), XXX=±0.25 (±0.010), XXXX=±0.127 (±0.005). LEAD SIZE=±0.05 (±0.002), LEAD LENGTH=±0.75 (±0.030). MIN= ^{DECIMAL PRECISION} _{-0.00} MAX= ^{DECIMAL PRECISION} _{-0.00}