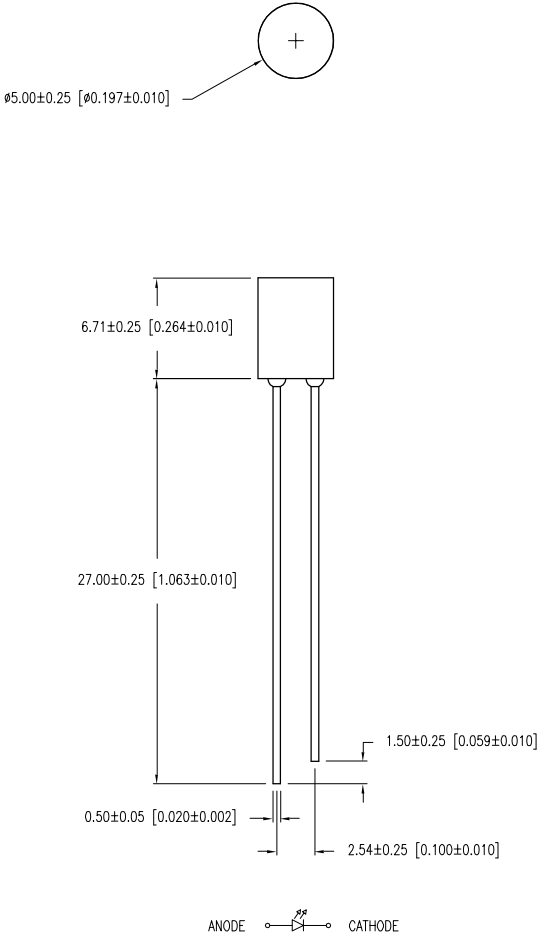




ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $I_f=20\text{mA}$					
PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		2.0	2.5	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_r=100\mu\text{A}$
AXIAL INTENSITY	50	200		mcd	$I_f=20\text{mA}$
VIEWING ANGLE		70		2x theta	
EMITTED COLOR:	RED				
EPOXY LENS FINISH:	WATER CLEAR				

LIMITS OF SAFE OPERATION AT 25°C		
PARAMETER	MAX	UNITS
PEAK FORWARD CURRENT*	100	mA
STEADY CURRENT	25	mA
POWER DISSIPATION	170	mW
DERATE FROM 25°C	- 1.2	mW/ $^{\circ}\text{C}$
OPERATING TEMP.	-40 TO +80	$^{\circ}\text{C}$
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 #28-6969-3.