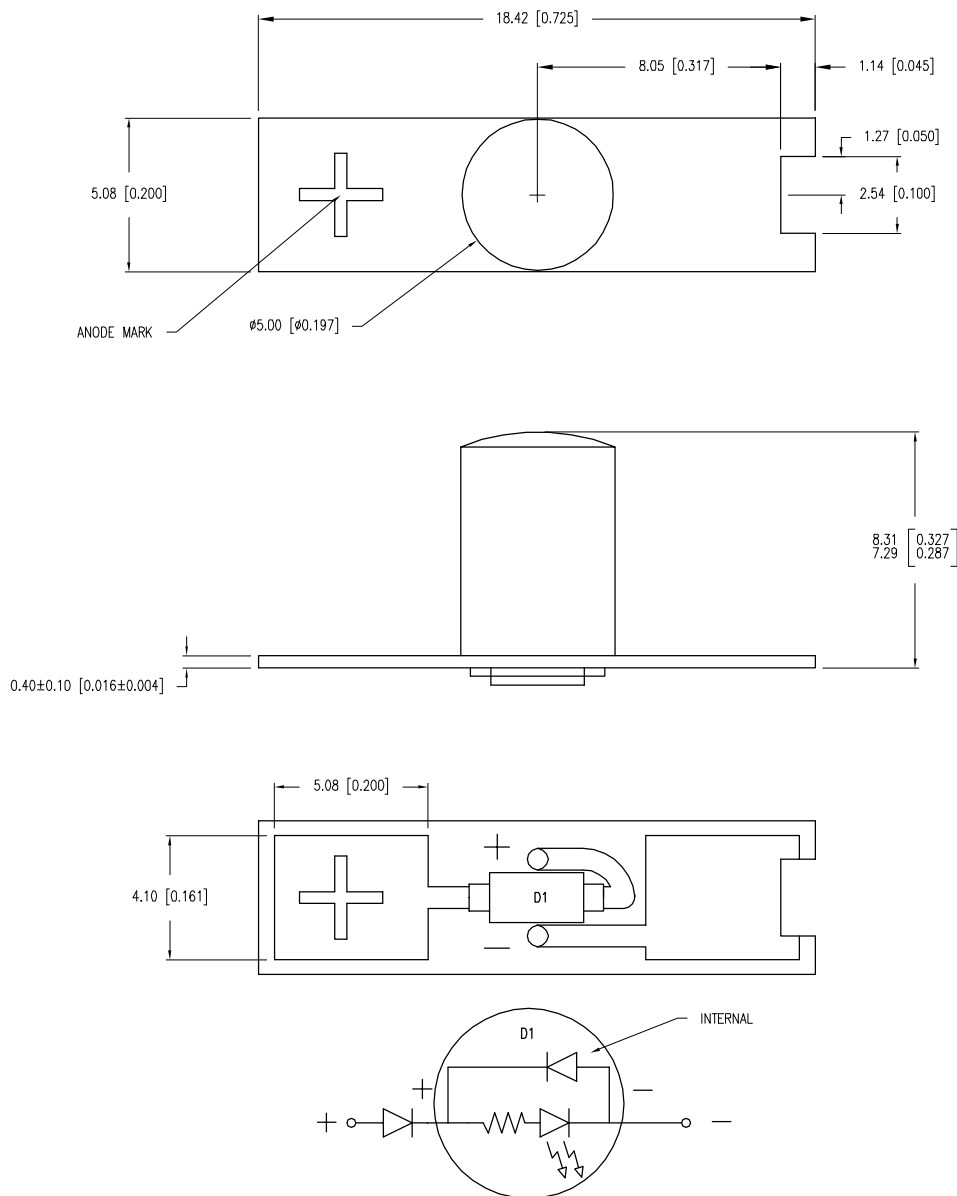


ELECTRO-OPTICAL CHARACTERISTICS $T_A=25^{\circ}\text{C}$ $V_f=14\text{V}$

PARAMETER	MIN	TYP	MAX	UNITS	TEST COND
PEAK WAVELENGTH		636		nm	
FORWARD VOLTAGE		14	16	V_f	
REVERSE VOLTAGE	5.0			V_r	$I_f=100\mu\text{A}$
AXIAL INTENSITY		210		mcd	$V_f=14\text{V}$
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*	16	V
STEADY CURRENT	10	mA
POWER DISSIPATION	160	mW
DERATE FROM 25°C	-1.2	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:

1. CUSTOMER PART NUMBER #28-6451-3.
2. DIODE PART NUMBER #RR264M-400 (ROHM).
3. DESCRIPTION: T 1-3/4 (5mm) LED WITH INTERNAL RESISTOR FOR 14V & DIODE ON FR4 WITH EXTERNAL DIODE FOR REVERSE VOLTAGE PROTECTION.
4. CHARACTERISTICS:
 - REVERSE VOLTAGE DC = 400 V.
 - DOUBLE BATTERY JUMP = 24.5V FOR 3 MIN. @ 25°C .
 - REVERSE BATTERY JUMP = 400V.
 - INDUCTIVE TRANSIENT = +115V, -400V.

*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
 -0.00 -DECIMAL PRECISION