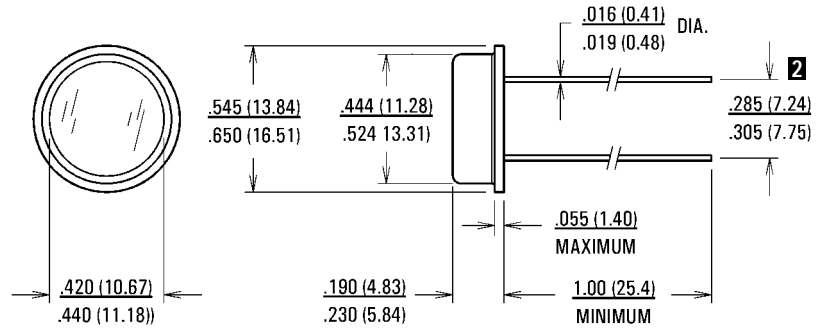


## PACKAGE DIMENSIONS inch (mm)



## ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Rating	Units
Continuous Power Dissipation Derate Above 25°C	$P_D$ $\Delta P_D / \Delta T$	500 10	mW mW/°C
Temperature Range Operating and Storage	$T_A$	-40 to +75	°C

## ELECTRO-OPTICAL CHARACTERISTICS @ 25°C (16 hrs. light adapt, min.) 4

Part Number	Resistance (Ohms) 3 6						Material Type	Sensitivity ( $\gamma$ , typ.) <small>OG (R10/R100) LOG (100/10)</small>	Maximum Voltage (V, pk)	Response Time @ 1 fc (ms, typ.)	
	10 lux 2850 K			2 fc 2850 K	Dark					Rise (1-1/e)	Fall (1/e)
	Min.	Typ.	Max.	Typ.	Min.	sec.					
VT50N1	4 k	8 k	12 k	4 k	200 k	5	Ø	0.75	200	78	8
VT50N2	8 k	16 k	24 k	8 k	500 k	5	Ø	0.75	200	78	8
VT50N3	16 k	32 k	48 k	16 k	1 M	5	Ø	0.80	300	78	8
VT53N1	16 k	32 k	48 k	16 k	1 M	5	3	0.85	200	35	5
VT53N2	32 k	76 k	96 k	38 k	2 M	5	3	0.85	200	35	5
VT53N3	66 k	132 k	200 k	66 k	3 M	5	3	0.85	300	35	5

See page 13 for notes.