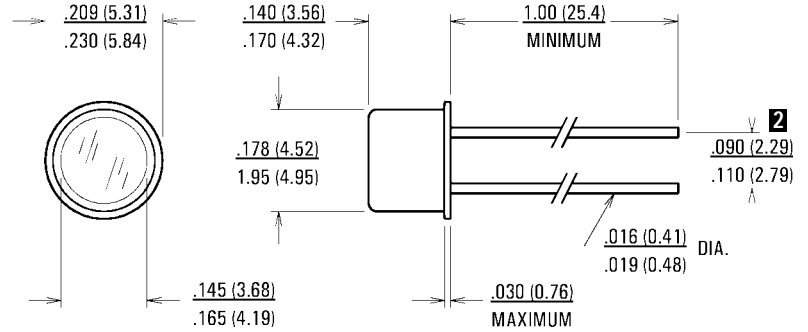


Photoconductive Cell

VT200 Series



PACKAGE DIMENSIONS inch (mm)



ABSOLUTE MAXIMUM RATINGS

Parameter	Symbol	Rating	Units
Continuous Power Dissipation Derate Above 25°C	P_D $\Delta P_D / \Delta T$	50 1.0	mW mW/°C
Temperature Range Operating and Storage	T_A	-40 to +75	°C

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

Part Number	Resistance (Ohms) ³ ⁶						Material Type	Sensitivity (γ , typ.) $\frac{\text{LOG}(R_{10}/R_{100})}{\text{LOG}(100/10)}$	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.					
VT2ØN1	8 k	16 k	24 k	8 k	200 k	5	Ø	0.80	100	78	8
VT2ØN2	16 k	34 k	52 k	17 k	500 k	5	Ø	0.80	100	78	8
VT2ØN3	36 k	72 k	108 k	36 k	1 M	5	Ø	0.80	100	78	8
VT2ØN4	76 k	152 k	230 k	76 k	2 M	5	Ø	0.80	200	78	8
VT23N1	20 k	40 k	60 k	20 k	500 k	5	3	0.85	100	35	5
VT23N2	42 k	86 k	130 k	43 k	1 M	5	3	0.85	100	35	5
VT23N3	90 k	180 k	270 k	90 k	2 M	5	3	0.85	100	35	5

See page 13 for notes.