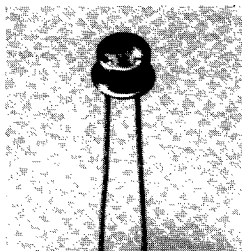
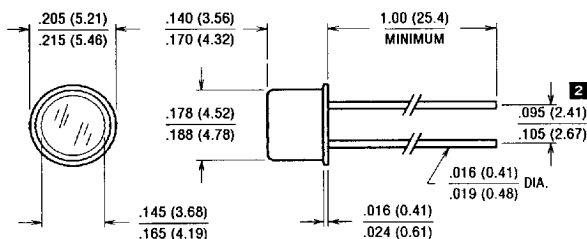


PHOTOCONDUCTIVE CELL

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.) 4

Part Number *	Resistance (Ohms) 3						Material Type	Sensitivity (γ , typ.) LOG (R10/R100) 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.					
VT20N1	8.0 k	16 k	24 k	8.0 k	200 k	5	Ø	0.80	100	78	8
VT20N2	16 k	34 k	52 k	17 k	500 k	5	Ø	0.80	100	78	8
VT20N3	36 k	72 k	108 k	36 k	1.0 M	5	Ø	0.80	100	78	8
VT20N4	76 k	152 k	230 k	76 k	2.0 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	1.0 M	5	3	0.85	100	35	5
VT23N3	90 k	180 k	270 k	90 k	2.0 M	5	3	0.85	100	35	5

* See page 11 for notes.