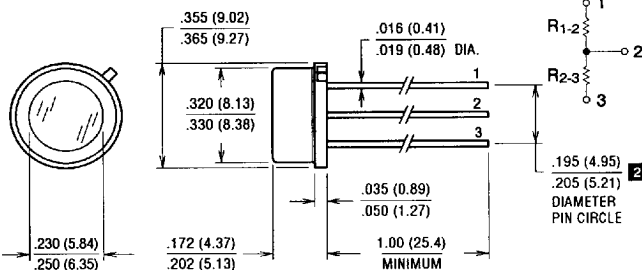


DUAL ELEMENT PHOTOCONDUCTIVE CELL

VT300CT 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 Per Element (Ohms) ³						Matching @ 10 Lux R1-2 / R2-3	Material Type	Sensitivity (γ , typ.) $\frac{\text{LOG (R10/R100)}}{\text{LOG (100/10)}}$	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.						
VT30CT	10 k	20 k	30 k	10 k	500 k	5	0.70 - 1.30	Ø	0.80	200	78	8
VT33CT	60 k	120 k	180 k	30 k	1.0 M	5	0.70 - 1.30	3	0.90	200	35	5

* See page 11 for notes.

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