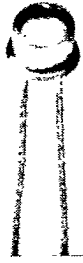


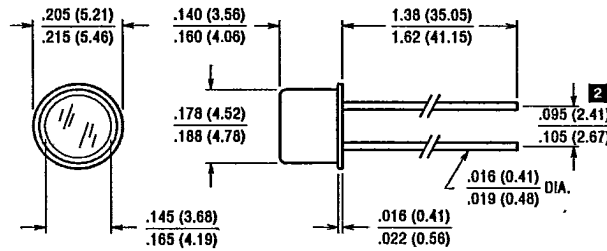
T-41-41

LIGHT DEPENDENT RESISTOR

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	mW mW/°C
TEMPERATURE RANGE OPERATING AND STORAGE	T_A	- 50 to +75	°C

ELECTRO-OPTICAL CHARACTERISTICS @ 25°C (16 HRS. LIGHT ADAPT, MIN.)

Part Number *	Old Part Number	Resistance (Ohms) 3							Peak Spectral Response		Sensitivity (γ , typ.) LOG (R10/R100) LOG (100/10)	V _{Max} (V, pk)	Response Time @ 1 fc (ms, typ.)	
		2 fc 2850 K			10 lux 2850 K			DARK 5 sec.					Rise (1-1/e)	Fall (1/e)
		Min.	Typ.	Max.	Min.	Typ.	Max.	Min.	(nm)	Type				
VT20A114	VT204	73k	110k	147k	—	200k	—	20M	565	0	0.8	300	78	8
VT20A802	VT202	5.3k	8k	11k	—	16k	—	750k	565	0	0.8	100	78	8
VT20A432	VT201	2.9k	4.3k	5.7k	—	8k	—	500k	565	0	0.75	100	78	8
VT21A144	VT214	93k	140k	190k	—	290k	—	200M	735	1	0.9	300	15	8
VT21A782	VT212	5.2k	7.8k	10k	—	16k	—	5M	735	1	0.9	100	15	8
VT21A602	VT212L	4k	6k	8k	—	14k	—	5M	735	1	0.9	100	15	8
VT21A352	VT211H	2.3k	3.5k	4.7k	—	7.8k	—	1M	735	1	0.95	100	15	8
VT21A232	VT211	1.5k	2.3k	3.1k	—	4.2k	—	500k	735	1	0.9	100	15	8
VT22A504	VT224	330k	500k	670k	—	.95M	—	50M	515	2	0.85	300	90	18
VT22A803	VT224L	53k	80k	110k	—	170k	—	10M	515	2	0.85	300	90	18
VT23A704	VT234	470k	700k	930k	—	1.4M	—	200M	550	3	0.85	100	35	5
VT23A354	VT233	230k	350k	470k	—	700k	—	100M	550	3	0.85	100	35	5
VT23A154	VT233L	100k	150k	200k	—	300k	—	50M	550	3	0.85	100	35	5
VT23A104	VT232	67k	100k	130k	—	200k	—	50M	550	3	0.85	100	35	5
VT23A113	VT23L	7.3k	11k	15k	—	20k	—	1M	550	3	0.85	100	35	5
VT24A153	VT242	10k	15k	20k	—	28k	—	10M	675	4	0.8	100	35	18
VT24A202	VT241	1.3k	2k	2.7k	—	3.8k	—	500k	675	4	0.8	100	35	18
VT27A402	VT271	2.7k	4.0k	5.3k	—	8k	—	2.5M	615	7	0.9	50	70	15

* See page 11 for notes.

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