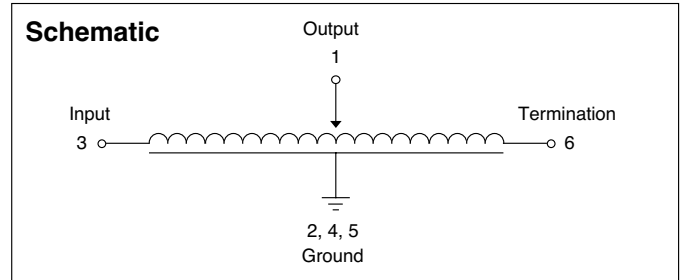


Passive Variable Delay Lines

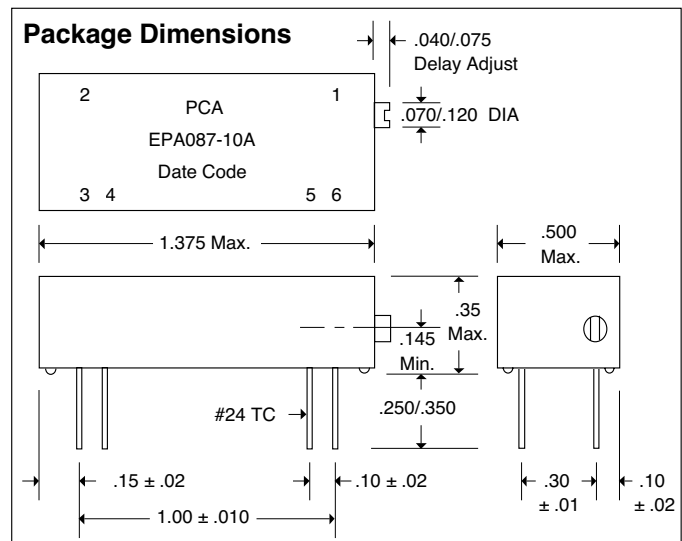
PART NUMBER	VARIABLE DELAYS (nS)			DC RESISTANCE OHMS MAX	OUTPUT RISE TIME 20 - 80% NS MAX	CHAR. IMPEDANCE OHMS ± 10%
	LOW MAX	RANGE	HIGH MIN			
EPA087-10A	2	10	12	0.6	2.5	50
EPA087-15A	2	15	17	0.7	3.0	50
EPA087-25A	3	25	28	0.9	5.0	50
EPA087-30A	4	30	34	1.0	6.0	50
EPA087-40A	5	40	45	1.3	8.0	50
EPA087-50A	6	50	56	1.7	10.0	50
EPA087-75A	9	75	84	2.6	15.0	50
EPA087-100A	12	100	112	3.5	20.0	50
EPA087-10F	2	10	12	1.0	2.5	75
EPA087-15F	2	15	17	1.5	3.0	75
EPA087-25F	3	25	28	2.0	5.0	75
EPA087-30F	4	30	34	2.5	6.0	75
EPA087-40F	5	40	45	3.0	8.0	75
EPA087-50F	6	50	56	3.5	10.0	75
EPA087-75F	9	75	84	4.5	15.0	75
EPA087-100F	12	100	112	5.5	20.0	75
EPA087-10B	2	10	12	1.5	2.5	100
EPA087-15B	2	15	17	2.0	3.0	100
EPA087-25B	3	25	28	2.5	5.0	100
EPA087-30B	4	30	34	3.0	6.0	100
EPA087-40B	5	40	45	3.5	8.0	100
EPA087-50B	6	50	56	4.0	10.0	100
EPA087-75B	9	75	84	5.0	15.0	100
EPA087-100B	12	100	112	6.0	20.0	100

DC Electrical Characteristics	Min	Max	Unit
Distortion		±10	%
Temperature Coefficient of Delay		100	PPM/°C
Insulation Resistance @ 100 Vdc	1K		Meg Ohms
Dielectric Strength		100	Vdc



Recommended Operating Conditions		Min	Max	Unit
PW*	Pulse Width % of Total Delay	200		%
D*	Duty Cycle		40	%
T _A	Operating Free Air Temperature	0	70	°C

*These two values are inter-dependent.



Input Pulse Test Conditions @ 25°C		
V _{IN}	Pulse Input Voltage	10 Volts
PW	Pulse Width % of Total Delay	300 %
T _{RI}	Input Rise Time (10 - 90%)	2.0 nS
PRR	Pulse Repetition Rate @ T _d ≤ 150 nS	1.0 MHz
	Pulse Repetition Rate @ T _d > 150 nS	300 KHz

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