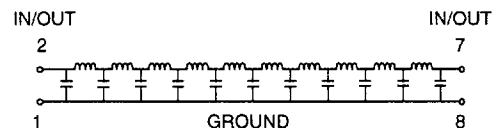


8 Pin Single-in-Line Passive Delay Lines

Zo OHMS ±10%	DELAY nS Max.	DELAY TOL nS	RISE TIME nS Max. (Calculated)	DCR OHMS Max.	PCA PART NUMBER	Zo OHMS ±10%	DELAY nS Max.	DELAY TOL nS	RISE TIME nS Max. (Calculated)	DCR OHMS Max.	PCA PART NUMBER
100	0.0	+0.25	1.0	1.0	EP123101	100	9.0	±0.25	1.9	1.0	EP123119
100	0.5	±0.25	1.0	1.0	EP123102	100	9.5	±0.25	2.0	1.0	EP123120
100	1.0	±0.25	1.0	1.0	EP123103	100	10.0	±0.25	2.0	1.0	EP123121
100	1.5	±0.25	1.0	1.0	EP123104	100	11.0	±0.25	2.2	2.0	EP123123
100	2.0	±0.25	1.0	1.0	EP123105	100	12.0	±0.25	2.3	2.0	EP123125
100	2.5	±0.25	1.0	1.0	EP123106	100	13.0	±0.25	2.5	2.0	EP123127
100	3.0	±0.25	1.0	1.0	EP123107	100	14.0	±0.25	2.6	2.0	EP123129
100	3.5	±0.25	1.0	1.0	EP123108	100	15.0	±0.25	2.8	2.0	EP123131
100	4.0	±0.25	1.0	1.0	EP123109	100	16.0	±0.25	3.0	2.5	EP123133
100	4.5	±0.25	1.0	1.0	EP123110	100	17.0	±0.25	3.2	2.5	EP123135
100	5.0	±0.25	1.1	1.0	EP123111	100	18.0	±0.25	3.4	2.5	EP123137
100	5.5	±0.25	1.2	1.0	EP123112	100	19.0	±0.25	3.6	2.5	EP123139
100	6.0	±0.25	1.3	1.0	EP123113	100	20.0	±0.50	3.8	2.5	EP123141
100	6.5	±0.25	1.4	1.0	EP123114	100	25.0	±0.50	4.5	4.0	EP123146
100	7.0	±0.25	1.5	1.0	EP123115	100	30.0	±0.50	5.5	4.5	EP123151
100	7.5	±0.25	1.6	1.0	EP123116	100	35.0	±0.50	6.4	5.5	EP123156
100	8.0	±0.25	1.7	1.0	EP123117	100	40.0	±0.50	7.4	6.0	EP123161
100	8.5	±0.25	1.8	1.0	EP123118	100	45.0	±1.0	8.0	6.5	EPA594

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

Schematic



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

*These two values are inter-dependent.

Input Pulse Test Conditions @ 25°C		
V _{IN}	Pulse Input Voltage	3 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

Package Dimensions

