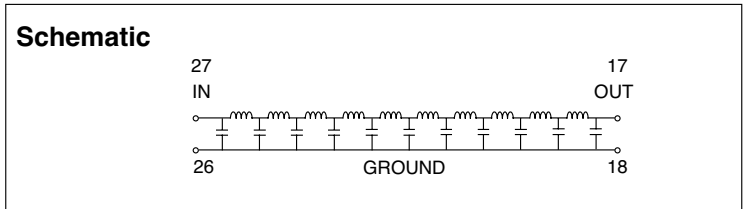


# SMD 28 Pin Gull-Wing Passive Delay Lines

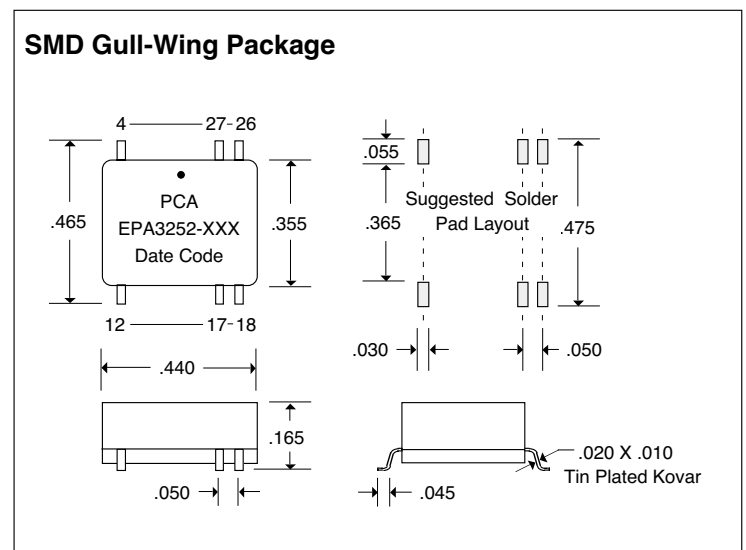
Zo Ohms ± 10%	Delay nS ± 5% or ± 2 nS	Tap Delays nS	Rise Time nS Max.	Atten. DB% Max.	Gull-Wing PCA Part Number
50	2.5	----	0.5	2 %	EPA3252-2.5
50	8	----	1.8	2 %	EPA3252-8
50	10	----	2.0	2 %	EPA3252-10
50	12	----	2.4	2 %	EPA3252-12
50	20	----	5	2 %	EPA3252-20
50	25	----	5	2 %	EPA3252-25
50	30	----	6	2 %	EPA3252-30
50	35	----	7	2 %	EPA3252-35
50	40	----	8	2 %	EPA3252-40
50	45	----	9	2 %	EPA3252-45
50	50	----	10	2 %	EPA3252-50
50	60	----	12	2 %	EPA3252-60
50	75	----	15	4 %	EPA3252-75
50	100	----	20	4 %	EPA3252-100
50	125	----	25	7 %	EPA3252-125
50	150	----	30	8 %	EPA3252-150
50	175	----	35	10 %	EPA3252-175
50	200	----	40	10 %	EPA3252-200
50	225	----	45	10 %	EPA3252-225
50	250	----	50	12 %	EPA3252-250

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
P <sub>W</sub> *	Pulse Width % of Total Delay	200		%
D*	Duty Cycle		40	%
T <sub>A</sub>	Operating Free Air Temperature	0	70	°C

\*These two values are inter-dependent.



Input Pulse Test Conditions @ 25°C		
V <sub>IN</sub>	Pulse Input Voltage	10 Volts
P <sub>W</sub>	Pulse Width % of Total Delay	300 %
T <sub>RI</sub>	Input Rise Time (10 - 90%)	2.0 nS
PRR	Pulse Repetition Rate @ T <sub>d</sub> ≤ 150 nS	1.0 MHz
	Pulse Repetition Rate @ T <sub>d</sub> > 150 nS	300 KHz