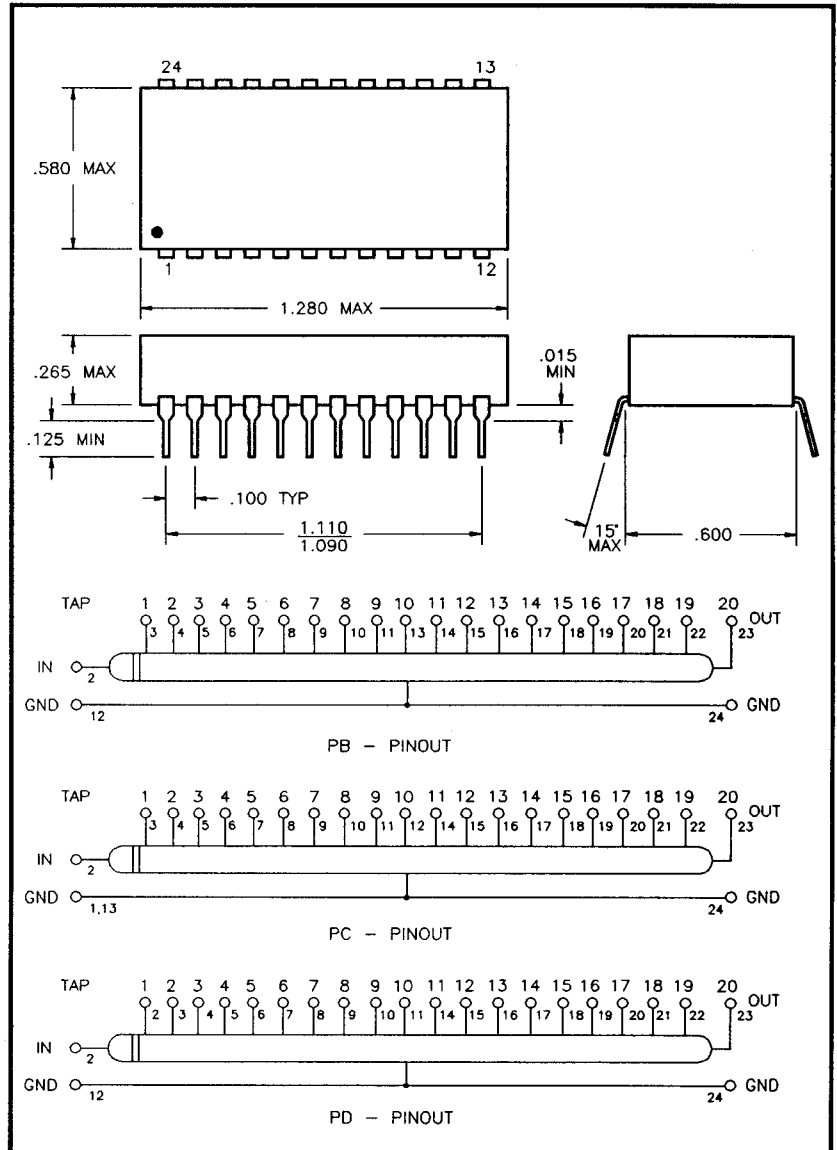
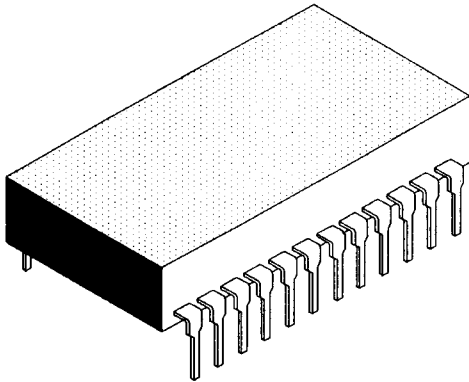


POLARA

PB-SERIES PC-SERIES PD-SERIES

24 PIN, 20 TAP PASSIVES



Electrical Characteristics	Min	Max	Unit
Distortion		± 10	%
Temperature Coefficient of Delay		100	PPM/°C
Insulation Resistance @ 100 Vdc	1K		MΩ
Dielectric Strength		100	Vdc
Operating Free Air Temperature	0	70	°C

Input Pulse Test Conditions @ 25°C		
V _{IN}	Pulse Input Voltage	10 Volts
P _W	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

IMPEDANCE OHMS ± 10%	TOTAL DELAY ±5% or 2 nS	TAP DELAYS ±10% or 2 nS	RISE TIME nS MAX	POLARA P/N PB - PINOUT	POLARA P/N PC - PINOUT	POLARA P/N PD - PINOUT
50	20	1 ± .25	3	PB-05-0020	PC-05-0020	PD-05-0020
50	50	2.5 ± .5	5	PB-05-0050	PC-05-0050	PD-05-0050
50	100	5 ± 1	10	PB-05-0100	PC-05-0100	PD-05-0100
50	200	10 ± 1	20	PB-05-0200	PC-05-0200	PD-05-0200
100	20	1 ± .5	3	PB-10-0020	PC-10-0020	PD-10-0020
100	50	2.5 ± .5	5	PB-10-0050	PC-10-0050	PD-10-0050
100	100	5 ± 1	10	PB-10-0100	PC-10-0100	PD-10-0100
100	200	10 ± 1	20	PB-10-0200	PC-10-0200	PD-10-0200
100	500	25 ± 2.5	50	PB-10-0500	PC-10-0500	PD-10-0500
100	1000	50 ± 5	100	PB-10-1000	PC-10-1000	PD-10-1000
200	50	1 ± .5	5	PB-20-0050	PC-20-0050	PD-20-0050
200	100	2.5 ± .5	10	PB-20-0100	PC-20-0100	PD-20-0100
200	200	5 ± 1	20	PB-20-0200	PC-20-0200	PD-20-0200
200	500	25 ± 2.5	50	PB-20-0500	PC-20-0500	PD-20-0500
200	1000	50 ± 5	100	PB-20-1000	PC-20-1000	PD-20-1000