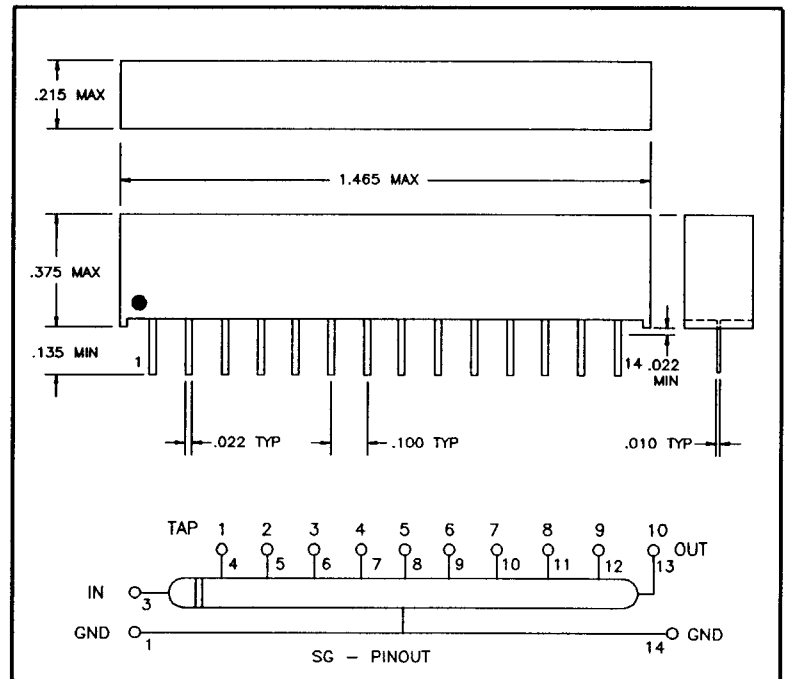


Electrical Characteristics	Min	Max	Unit
Distortion		± 10	%
Temperature Coefficient of Delay		100	PPM/°C
Insulation Resistance @ 100 Vdc	1K		MΩ
Dielectric Strength		100	Vdc
Operating Free Air Temperature	0	70	°C

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



IMPEDANCE OHMS ± 10%	TOTAL DELAYS ±5% or 2 nS	TAP DELAYS ±5% or 2 nS	RISE TIME nS MAX	DCR OHMS MAX	POLARA P/N SG - PINOUT
50	10	1 ± .5	2	1	SG-05-0010
50	20	2 ± .5	4	1	SG-05-0020
50	30	3 ± .5	6	1	SG-05-0030
50	40	4 ± .5	8	1	SG-05-0040
50	50	5 ± 1	10	1	SG-05-0050
50	60	6 ± 1	12	2	SG-05-0060
50	70	7 ± 1	14	2	SG-05-0070
50	80	8 ± 1	16	2	SG-05-0080
50	90	9 ± 1	18	2	SG-05-0090
50	100	10 ± 1	20	2	SG-05-0100
100	20	2 ± .5	4	4	SG-10-0020
100	40	4 ± .5	8	4	SG-10-0040
100	60	6 ± 1	12	4	SG-10-0060
100	80	8 ± 1	16	4	SG-10-0080
100	100	10 ± 1	20	4	SG-10-0100
100	120	12 ± 2	24	6	SG-10-0120
100	140	14 ± 2	28	6	SG-10-0140
100	160	16 ± 2	32	6	SG-10-0160
100	180	18 ± 2	36	6	SG-10-0180
100	200	20 ± 2	40	6	SG-10-0200