



DIP & SMD DELAY LINES

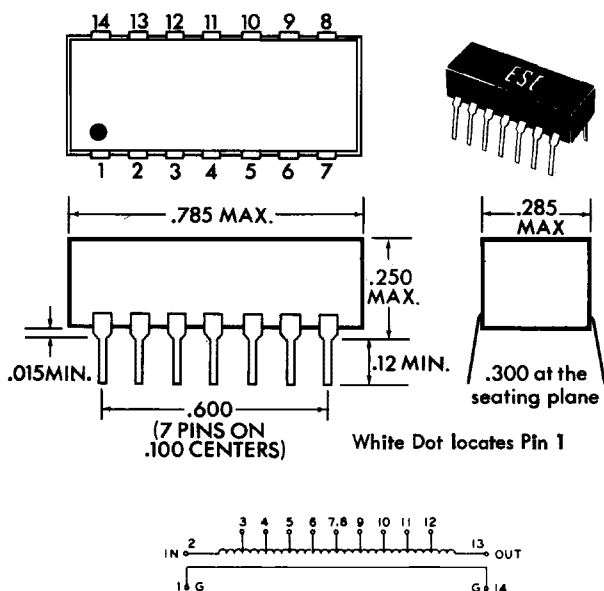
10 TAPS • 14 PIN & 16 PIN PACKAGES

DIP & SURFACE MOUNTING • G LEADS

PASSIVE SERIES

SERIES DIP-14 AND DIP-G14 *

* Surface Mount G Lead Package



IMPEDANCE $\pm 10\%$				50	75	100	200
Time Delay (nsec) $\pm 5\%$	Rise Time (nsec)	No. of Taps	Delay per Tap (nsec) non-cumulative	MODEL NO.			
10 $\pm 5\%$	2.0	10	1.0 $\pm .5$	5P10	7P10	1P10	-
20	4.0	10	2.0 $\pm .5$	5P20	7P20	1P20	2P20
30	6.0	10	3.0 ± 1	5P30	7P30	1P30	2P30
40	7.0	10	4.0 ± 1	5P40	7P40	1P40	2P40
50	8.0	10	5.0 ± 1	5P50	7P50	1P50	2P50
100	16.0	10	10.0 ± 1.5	5P100	7P100	1P100	2P100
150	25.0	10	15.0 ± 1.5	5P150	7P150	1P150	2P150
200	35.0	10	20.0 ± 2	5P200	7P200	1P200	2P200
250	42.0	10	25.0 ± 2.5	5P250	7P250	1P250	2P250
300	50.0	10	30.0 ± 3.0	5P300	7P300	1P300	2P300

SERIES P/N SUFFIX	OTHER AVAILABLE PIN-OUT ARRANGEMENTS											
	Pin Sequence											
	IN	10%	20%	30%	40%	50%	60%	70%	80%	90%	100%	GND
- None	2	3	4	5	6	7,8	9	10	11	12	13	1,14
- A	14	2	12	3	11	4	5	10	6	9	7	1,8
- B	1	13	3	12	4	11	5	10	6	9	7	14

Example: 100 nsec, 100 Ω , -B pin sequence is ordered as 1P100-B

* For Gull Wing Surface Mount Package add prefix letter G. Example: 5P10 converts to G5P10.

SPECIFICATIONS DIP-14, DIP-16:

- Operating temperature range: -55°C to $+125^{\circ}\text{C}$
- Temperature Coefficient: 100 ppm/ $^{\circ}\text{C}$ max
- Attenuations: 1 db max
- Distortion (at max delay): $\pm 10\%$ max

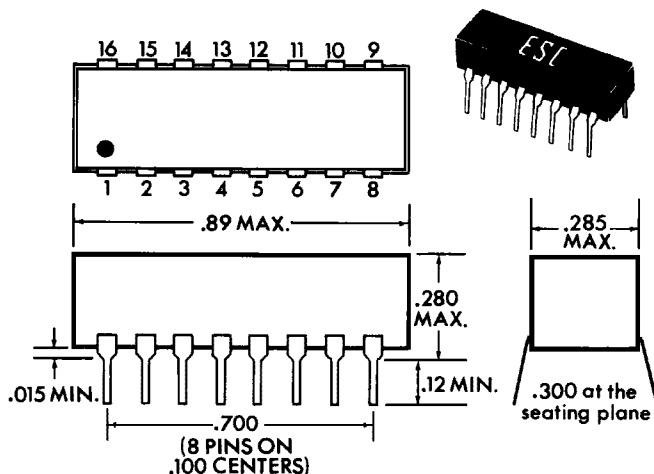
- Dielectric Strength:
- Terminals:

50 VDC
Electro tin plated, Alloy 42
.020 w x .010 th.

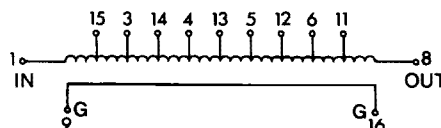
SERIES DIP-16 AND DIP-G16 *

EXTENDED DELAY LOW PROFILE 16 PIN PACKAGE

* Surface Mount G Lead Package



Impedance $\pm 10\%$ (ohms)				100	200	300	500
Time Delay (nsec) $\pm 5\%$	Rise Time (nsec)	No. of Taps	Delay per Tap (ns) $\pm 2\%$ or 5% (whichever is greater)	MODEL NO.			
250	45	10	25	1N25	2N25	3N25	5N25
300	55	10	30	1N30	2N30	3N30	5N30
350	65	10	35	1N35	2N35	3N35	5N35
400	70	10	40	1N40	2N40	3N40	5N40
450	80	10	45	1N45	2N45	3N45	5N45
500	90	10	50	1N50	2N50	3N50	5N50
600	110	10	60	1N60	2N60	3N60	5N60
800	145	10	80	1N80	2N80	3N80	5N80
1000	180	10	100	1N100	2N100	3N100	5N100



* For Gull Wing Surface Mount Package add prefix letter G. Example: 1N25 converts to G1N25.