

FEATURES

- 8-PIN DIP AND SURFACE MOUNT PACKAGE.
- 5 EQUALLY-SPACED TAPS.
- WIDE OPERATING TEMPERATURE RANGE.
- TOTAL DELAYS FROM 5-100ns.

ELECTRICAL CHARACTERISTICS

- TOTAL DELAY :5NS TO 100NS
- TAP DELAYS :20% INCREMENTS STANDARD
- RISE TIME :20% MAX OF TOTAL DELAY
- PULSE ATTENUATION :SEE TABLE
- CHARACTERISTIC IMPEDANCE :50 TO 200 Ω (±10%)
- DISTORTION :±10% MAX
- TEMPERATURE COEFFICIENT OF DELAY 100PPM/°C MAX
- OPERATING TEMPERATURE RANGE :0°C TO +70°C
- STORAGE TEMPERATURE RANGE :-65°C TO +130°C
- DIELECTRIC STRENGTH :50VDC

ELECTRICAL SPECIFICATIONS

PART NO.	TOTAL DELAY	TAP DELAY (ns)	RISE TIME MAX (ns)	ATTENUATION (%)	IMPEDANCE (Ω)
40P/41P-00551XX	5±0.5	1±0.3	3	3	50
40P/41P-01051XX	10±1	2±0.4	4	3	50
40P/41P-02551XX	25±2	5±0.8	7	3	50
40P/41P-05051XX	50±2.5	10±1	15	3	50
40P/41P-07551XX	75±3.7	15±1	20	3	50
40P/41P-10051XX	100±5	20±1	28	3	50
40P/41P-00512XX	5±0.5	1±0.3	3	5	100
40P/41P-01012XX	10±1	2±0.4	4	5	100
40P/41P-02512XX	25±2	5±0.8	7	5	100
40P/41P-05012XX	50±2.5	10±1	15	5	100
40P/41P-07512XX	75±3.5	15±1	20	5	100
40P/41P-10012XX	100±5	20±1	28	5	100
40P/41P-00522XX	5±0.5	1±0.3	3	6	200
40P/41P-01022XX	10±1	2±0.4	4	6	200
40P/41P-02522XX	25±2	5±0.8	7	6	200
40P/41P-05022XX	50±2.5	10±1	15	6	200
40P/41P-07522XX	75±3.7	15±1	20	6	200
40P/41P-10022XX	100±5	20±1	28	6	200

TABLE I PIN-NUMBER SEQUENCE

CODE	IN	20%	40%	60%	80%	OUT	GROUND
STANDARD	2	3	4	5	6	7	1,8
A	1	2	3	4	6	7	4,8
B	1	7	3	6	4	5	8
C	7	2	6	3	5	4	1,8

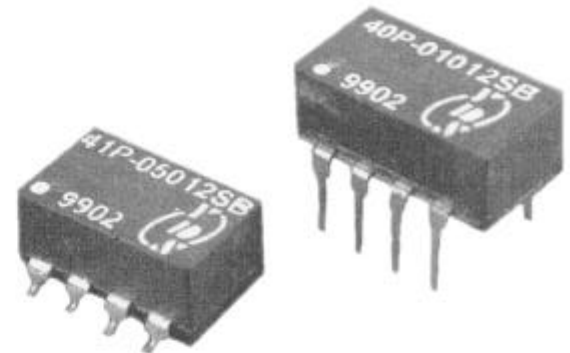
TABLE III
MOUNTING HEIGHT

CODE	DIMENSION(MAX)
A	.200(5.08)
B	.250(6.35)
C	.300(7.62)

Dimensions:inches/mm

Unless otherwise specified, all tolerances are ±.010/±0.25

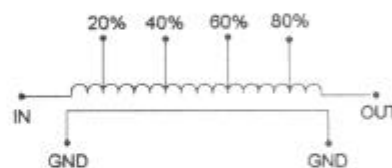
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INPUT PULSE TEST CONDITION

- PULSE VOLTAGE :2.5V
- PULSE WIDTH :5TD
- PULSE RISE TIME :2NS(10% TO 90%)

PIN CONNECTIONS



MARKINGS AND DIMENSION

