查询"0443-0006-02"供应商

DIGITAL DELAY LINE
SERIES 0443
ECL 10K
DELAY MODULE
5 TAP

TECHNICAL INFORMATION

TEST CONDITIONS

Logic 1	– 0.9 Volts
Logic 0	– 1.8 Volts
Rise Time	2.0 Nsec (20% to 80%)
Pulse Width	Total Delay + 10.0 Nsec
Pulse Period	4 × Pulse Width
Supply Voltage, Vee	– 5.2 Volts
Output Terminations	50 Ohm ±1% to – 2 Volts
Ambient Temperature	25°C

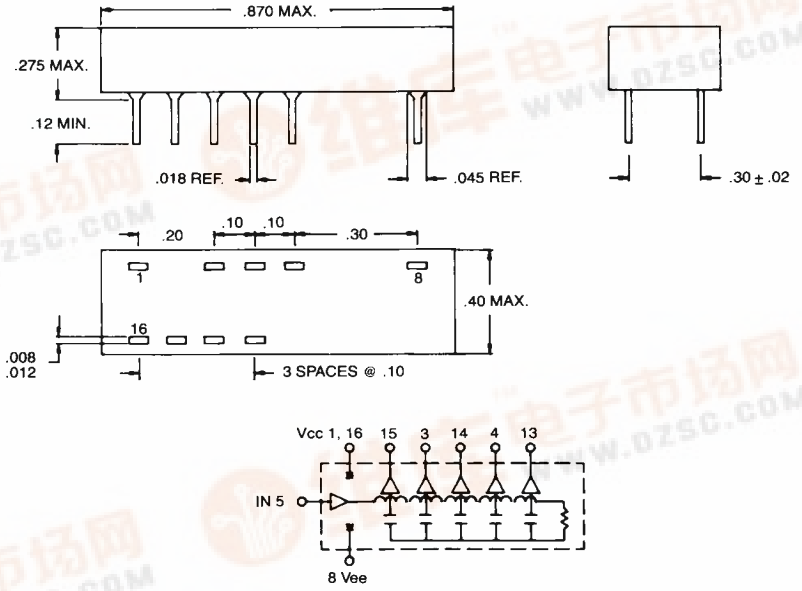
PERFORMANCE CHARACTERISTICS

Delay Tolerances
As Specified in Table
Performance Characteristics apply at above listed Test Conditions.

ELECTRICAL CHARACTERISTICS

Supply Voltage, Vee
– 4.94 To – 5.46 Volts
Logic 1 Input Voltage
– 0.98 Volts min.
Logic 1 Input Current
265 Microamp max.
Logic 1 Output Voltage
– 0.96 Volts min.
Logic 0 Input Voltage
– 1.63 Volts max.
Logic 0 Input Current
0.5 Microamp min.
Logic 0 Output Voltage
– 1.65 Volts max.
Operating Temperature Range
– 30°C To 85°C
Temperature Coefficient Of Total Delay
300PPM/°C Typical
Minimum Input Pulse Width
40% Of Total Delay
Maximum Duty Cycle
50%

—Compatible with ECL 10K circuits
—Other delays and tolerances upon request



Part Number	Tap 1 1, 3, 4	Tap 2 1, 3, 4	Tap 3 1, 3, 4	Tap 4 1, 3, 4	Output 1, 3, 4	Rise Time 2, 3, 4
0443-0006-02	2±.5	3±.5	4±1	5±1	6±1	4
0443-0010-02	2±.5	4±1	6±1	8±2	10±2	4
0443-0015-02	3±1	6±1	9±2	12±2	15±2	4
0443-0020-02	4±1	8±2	12±2	16±2	20±2	4
0443-0025-02	5±1	10±2	15±2	20±2	25±2	4
0443-0030-02	6±1	12±2	18±2	24±2	30±2	4
0443-0035-02	7±1	14±2	21±2	28±2	35±2	4
0443-0040-02	8±2	16±2	24±2	32±2	40±2	4
0443-0045-02	9±2	18±2	27±2	36±2	45±2	5
0443-0050-02	10±2	20±2	30±2	40±2	50±2	5
0443-0075-02	15±2	30±2	45±2	60±3	75±3	5
0443-0100-02	20±2	40±2	60±3	80±3	100±3	10
0443-0125-02	25±2	50±2	75±3	100±3	125±4	15
0443-0150-02	30±2	60±3	90±3	120±4	150±5	15
0443-0175-02	35±2	70±3	105±4	140±5	175±5	20
0443-0200-02	40±2	80±3	120±4	160±5	200±6	20
0443-0225-02	45±2	90±3	135±4	180±6	225±7	25
0443-0250-02	50±2	100±3	150±5	200±6	250±8	25
0443-0300-02	60±3	120±4	180±5	240±7	300±9	30
0443-0350-02	70±3	140±5	210±7	280±9	350±11	30
0443-0400-02	80±3	160±5	240±7	320±10	400±12	35
0443-0450-02	90±3	180±6	270±8	360±11	450±14	35
0443-0500-02	100±3	200±6	300±9	400±12	500±15	40

1 Delays measured at 50% of the pulse on leading edge only.
2 Rise time measured from 20% to 80% of the pulse.
3 All timing in NS

Specifications Subject To Change Without Notice

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