

## FEATURES:

- 3-PIN SIP PACKAGE
- 1EQUALLY-SPACED TAPS
- LOW OUTPUT DISTORTION:±7.5%
- 1ns TO 10ns DELAY RANGE

## ELECTRICAL CHARACTERISTICS:

Characteristic Impedance	: 55 to 93 $\Omega$ (±10%)
Temperature Coefficient of Delay	100ppm/°C max
Operating Temperature Range	: 0°C to +70°C
Storage Temperature Range	: -65°C to +130°C
Insulation Resistance	: 1000M $\Omega$ min @50VDC
Dielectric Strength	: 50VDC

## INPUT PULSE TEST CONDITION:

Pulse Voltage	: 2.5V
Pulse Width	: 5Td
Pulse Rise Time	: 2nS(10% to 90%)

YUAN DEAN SCIENTIFIC



Delay Line  
**10P/11P SERIES**  
 3 Pin  
 Single In-Line  
 Passive



## ELECTRICAL SPECIFICATIONS

PART NO.	DELAY TIME (ns)	RISETIME MAX(ns)	D.C.R. ( $\Omega$ )	IMPEDANCE $\Omega$ (±10% MAX)
10P/11P-00155NL	1±0.2	1.6	0.20	55
10P/11P-00255NL	2±0.2	1.6	0.25	55
10P/11P-00355NL	3±0.2	1.7	0.37	55
10P/11P-00455NL	4±0.2	1.7	0.50	55
10P/11P-00555NL	5±0.25	1.8	0.62	55
10P/11P-00655NL	6±0.3	2.0	0.75	55
10P/11P-00755NL	7±0.3	2.2	0.80	55
10P/11P-00855NL	8±0.3	2.4	0.85	55
10P/11P-00955NL	9±0.3	2.6	0.90	55
10P/11P-01055NL	10±0.3	2.8	0.95	55

www.yds.com.tw



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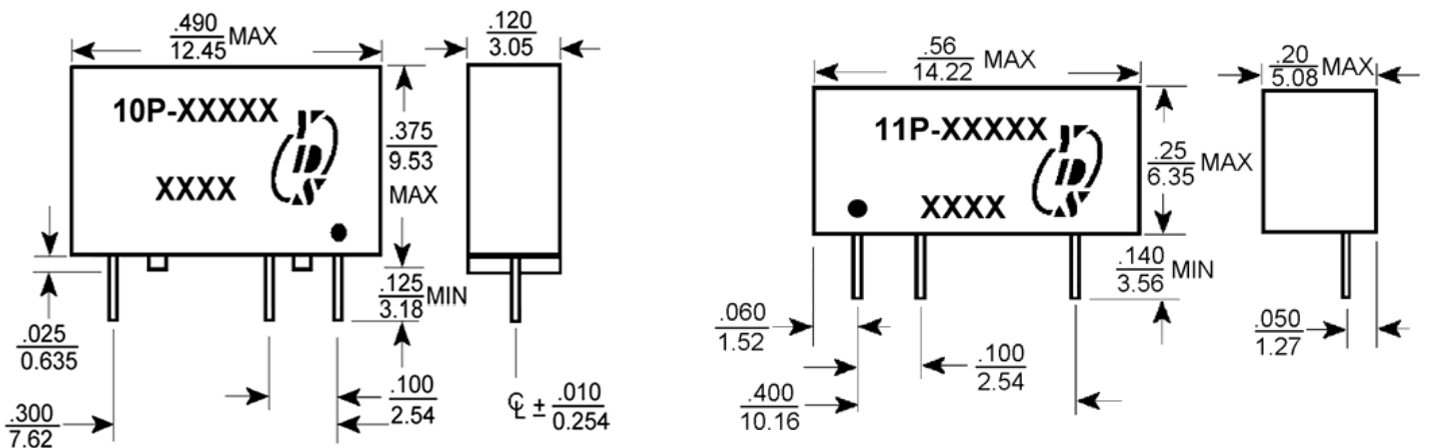
E-MAIL: ydsweb@yds.com.tw

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ELECTRICAL SPECIFICATIONS

PART NO.	DELAY TIME (ns)	RISETIME MAX(ns)	D.C.R. (Ω)	IMPEDANCE Ω(±10% MAX)
10P/11P-00193NL	1±0.2	1.6	0.20	93
10P/11P-00293NL	2±0.2	1.6	0.25	93
10P/11P-00393NL	3±0.2	1.7	0.37	93
10P/11P-00493NL	4±0.2	1.7	0.50	93
10P/11P-00593NL	5±0.25	1.8	0.62	93
10P/11P-00693NL	6±0.3	2.0	0.75	93
10P/11P-00793NL	7±0.3	2.2	0.80	93
10P/11P-00893NL	8±0.3	2.4	0.85	93
10P/11P-00993NL	9±0.3	2.6	0.90	93
10P/11P-01093NL	10±0.3	2.8	0.95	93

Markings and Dimensions



Dimensions: inches/mm Unless otherwise specified, all tolerances are ±.010/±0.25

Pin Connections

