

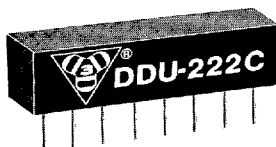
HCMOS — Logic

Digital Delay Unit

SERIES: DDU-222C

5 Outputs
8 pins SIP

data
delay
devices, inc.

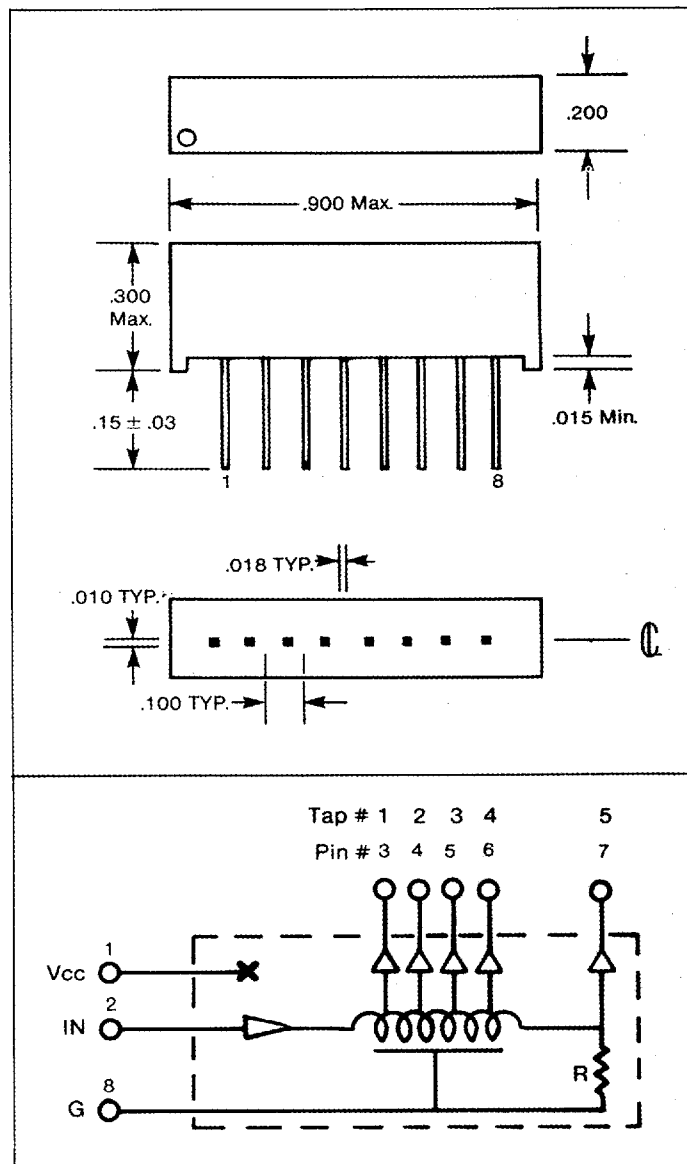


Features:

- Very thin unit.
- HCMOS input and outputs.
- SIP package.
- Economical.

Specifications:

- No. Taps: 5 equally spaced taps.
- Total delay tolerance: $\pm 5\%$ or 2 ns whichever is greater.
- Rise time: 8 ns typ.
- Temperature coefficient: 300 PPM/°C.
- Temperature range: 0°C to + 70°C.
- Supply Voltage: 5 Vdc $\pm 5\%$.
- Supply current:
 - $I_{CC1} = 10 \text{ ma}$
 - $I_{CC2} = 40 \mu\text{a}$
- Fan-out: 10 LSTTL loads min.
- DC parameters: See HCMOS-Logic Table on Page 6.



Part No.	Total Delay (ns)	Tap Delay (ns)
*DDU-222C-10	10 $\pm$ 2	2.5 $\pm$ 1
*DDU-222C-20	20 $\pm$ 2	5 $\pm$ 2
*DDU-222C-30	24 $\pm$ 2	6 $\pm$ 2
DDU-222C-50	50 $\pm$ 3	10 $\pm$ 3
DDU-222C-60	60 $\pm$ 3	12 $\pm$ 3
DDU-222C-75	75 $\pm$ 4	15 $\pm$ 3
DDU-222C-100	100 $\pm$ 5	20 $\pm$ 3
DDU-222C-125	125 $\pm$ 6.5	25 $\pm$ 3
DDU-222C-150	150 $\pm$ 7.5	30 $\pm$ 3
DDU-222C-175	175 $\pm$ 8	35 $\pm$ 4
DDU-222C-200	200 $\pm$ 10	40 $\pm$ 4
DDU-222C-250	250 $\pm$ 12.5	50 $\pm$ 5

*Time delay referenced to 1st tap.
8 ns $\pm$ 2 ns inherent delay.

3 Mt. Prospect Avenue, Clifton, New Jersey 07013 ■ (201) 773-2299 ■ FAX (201) 773-9672

2644382 0001024 836 ■

25