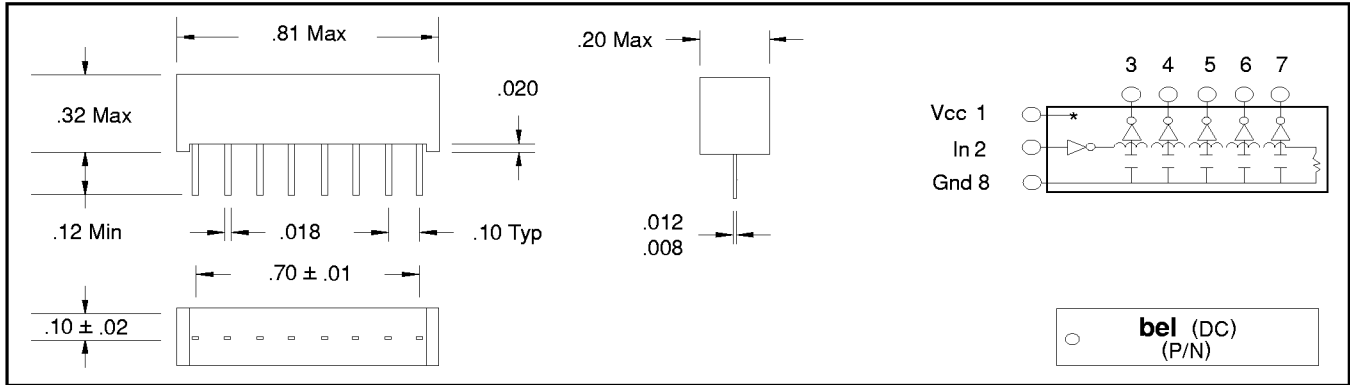




defining a degree of excellence

5 TAP LEADING EDGE CONTROL STANDARD DELAY MODULES

Cat 25-R3



Part Numbers

Thru-Hole	Total Delay	Delay per Tap	Rise Time
0462-0025-02	25 ns	5 ns	3 ns
0462-0030-02	30 ns	6 ns	3 ns
0462-0035-02	35 ns	7 ns	3 ns
0462-0040-02	40 ns	8 ns	3 ns
0462-0045-02	45 ns	9 ns	3 ns
0462-0050-02	50 ns	10 ns	3 ns
0462-0060-02	60 ns	12 ns	3 ns
0462-0070-02	70 ns	14 ns	3 ns
0462-0080-02	80 ns	16 ns	3 ns
0462-0090-02	90 ns	18 ns	3 ns
0462-0100-02	100 ns	20 ns	3 ns
0462-0150-02	150 ns	30 ns	3 ns
0462-0200-02	200 ns	40 ns	3 ns

Test Conditions @ 25°C

Ein	Pulse Voltage	3.2 Volts
Trin	Rise Time	3.0 ns (10%-90%)
PW	Pulse Width	1.2 x Total Delay
PP	Pulse Period	4 x Pulse Width
Iccl	Supply Current	35 ma Typical
Vcc	Supply Voltage	5.0 Volts

Electrical Characteristics

	Min.	Max.	Units
Vcc	4.75	5.25	V
Vih	2.0		V
Vil		0.8	V
Ioh		-1	ma
Iol		20	ma
Voh	2.7		V
Vol		0.5	V
Vik		-1.2	V
Iih		20	ua
Iil		-0.6	ma
Ios	-60	-150	ma
Icch		25	ma
Iccl		40	ma
Ta	0°	70°	C
PW	40		%
d		50	%
Tc	Temp. Coeff. of Total Delay (TD) 100 + (25000/TD) PPM/°C		

Tolerances

Input to Taps ± 2 ns or 5% , Whichever is Greater
 Tap to Tap ± 2 ns or 7% , Whichever is Greater
 Delays measured @ 1.5 V levels on Leading Edge only
 with no loads on Taps
 Rise and Fall Times measured from 0.75 V to 2.4 V levels

Drive Capabilities

Nh	Logic 1 Fanout	-	20 TTL Loads Max.
Nl	Logic 0 Fanout	-	10 TTL Loads Max.

**Other Delays and Tolerances Available
Consult Sales**

Notes

Transfer molded for better reliability
 Compatible with TTL & DTL circuits
 Terminals: Electro-Tin plate phosphor bronze
 Performance warranty is limited to specified parameters listed

Specifications subject to change without notice.

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