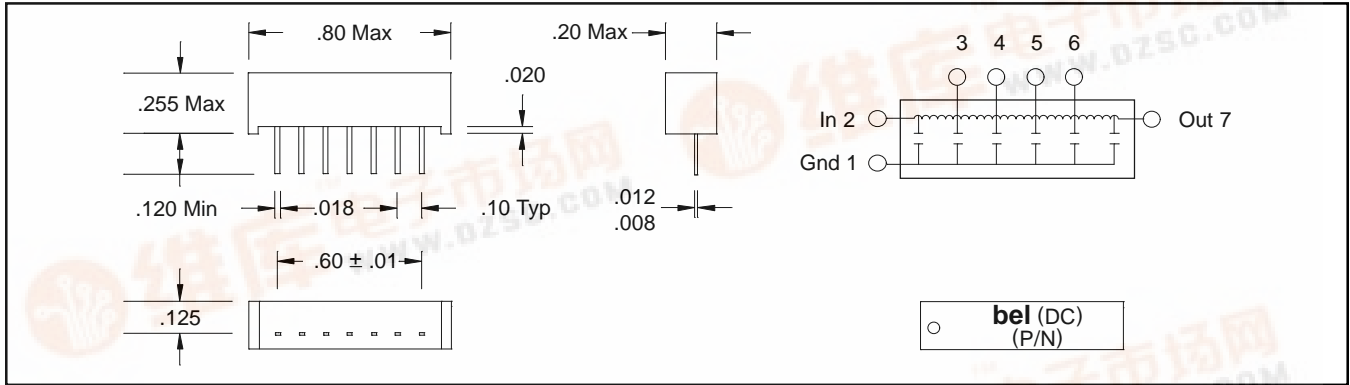


defining a degree of excellence



Cat 14-R3

## 5 TAP 7 PIN SIP PASSIVE DELAY MODULES



### Part Numbers

Part Number	Impedance ± 10%	Total Delay	Tap-Tap Delay	Rise Time	DCR Maximum
0475-0005-50	50 Ohms	5 ± 0.5 ns	1 ± 0.3 ns	2.0 ns	0.6 Ohms
0475-0010-50	50 Ohms	10 ± 1.0 ns	2 ± 0.4 ns	3.0 ns	0.6 Ohms
0475-0020-50	50 Ohms	20 ± 1.0 ns	4 ± 0.6 ns	6.0 ns	0.8 Ohms
0475-0030-50	50 Ohms	30 ± 1.5 ns	6 ± 1.0 ns	9.0 ns	1.2 Ohms
0475-0040-50	50 Ohms	40 ± 2.0 ns	8 ± 1.5 ns	12.0 ns	1.8 Ohms
0475-0050-50	50 Ohms	50 ± 2.5 ns	10 ± 1.8 ns	15.0 ns	2.3 Ohms
0475-0060-50	50 Ohms	60 ± 3.0 ns	12 ± 2.0 ns	18.0 ns	2.5 Ohms
0475-0070-50	50 Ohms	70 ± 3.5 ns	14 ± 2.0 ns	21.0 ns	3.5 Ohms
0475-0080-50	50 Ohms	80 ± 4.0 ns	16 ± 2.0 ns	24.0 ns	4.2 Ohms
0475-0090-50	50 Ohms	90 ± 4.5 ns	18 ± 3.0 ns	27.0 ns	4.5 Ohms
0475-0100-50	50 Ohms	100 ± 5.0 ns	20 ± 3.0 ns	30.0 ns	5.2 Ohms

0475-0005-01	100 Ohms	5 ± 0.5 ns	1 ± 0.3 ns	2.0 ns	0.7 Ohms
0475-0010-01	100 Ohms	10 ± 1.0 ns	2 ± 0.4 ns	3.0 ns	1.0 Ohms
0475-0020-01	100 Ohms	20 ± 1.0 ns	4 ± 0.6 ns	6.0 ns	1.5 Ohms
0475-0030-01	100 Ohms	30 ± 1.5 ns	6 ± 1.0 ns	9.0 ns	2.5 Ohms
0475-0040-01	100 Ohms	40 ± 2.0 ns	8 ± 1.5 ns	12.0 ns	4.0 Ohms
0475-0050-01	100 Ohms	50 ± 2.5 ns	10 ± 1.8 ns	15.0 ns	5.0 Ohms
0475-0060-01	100 Ohms	60 ± 3.0 ns	12 ± 2.0 ns	18.0 ns	5.5 Ohms
0475-0070-01	100 Ohms	70 ± 3.5 ns	14 ± 2.0 ns	21.0 ns	6.0 Ohms

### Electrical Characteristics

Delay Measurement	50% Levels
Rise Time Measurement	10%-90% Levels
Distortion	± 10%
Insulation Resistance @ 50 Vdc	10K Megohms Min.
Dielectric Withstanding Voltage	50 Vdc
Operating Temperature Range	-55°C to +125°C
Temperature Coefficient of Delay	100 PPM/°C Max.
Minimum Input Pulse Width	3 x Trout or 5 ns W.I.G.
Maximum Duty Cycle	60%

### Test Conditions @ 25°C

Ein	Pulse Voltage	1 Volt Typical
Trin	Rise Time	2.0 ns (10%-90%)
PW	Pulse Width	3 x Total Delay
PP	Pulse Period	4 x Pulse Width

### Notes

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

**Other Delays and Impedances Available  
Consult Sales**

Specifications subject to change without notice.

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