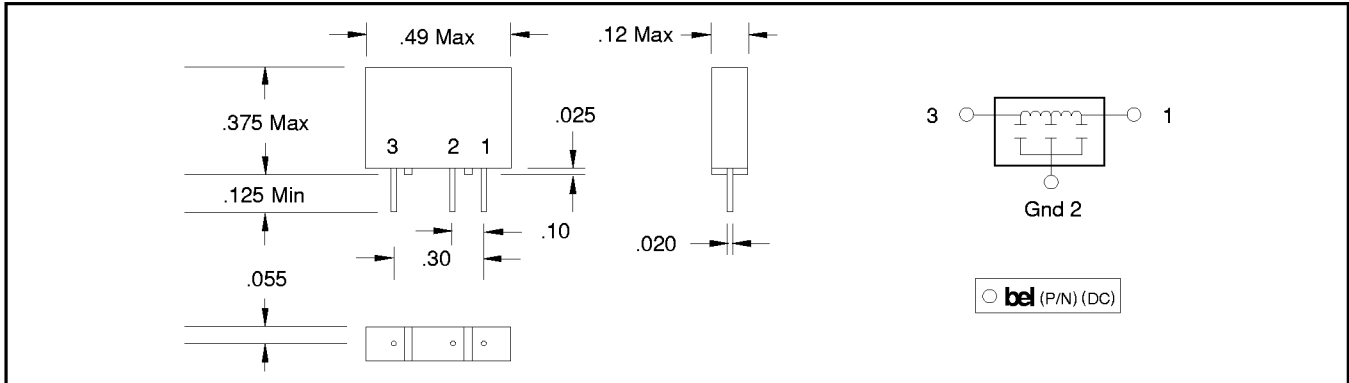


3 PIN SIP PASSIVE DELAY MODULES

Cat 27-R3



Part Numbers

55 Ohms ± 10%	75 Ohms ± 10%	82 Ohms ± 10%	93 Ohms ± 10%	Total Delay	Rise Time (True)	DCR Maximum
0402-00.5-55	0402-00.5-75	0402-00.5-82	0402-00.5-93	0.5 ± 0.20 ns	1.6 ns	0.18 Ohms
0402-0001-55	0402-0001-75	0402-0001-82	0402-0001-93	1.0 ± 0.20 ns	1.6 ns	0.20 Ohms
0402-01.5-55	0402-01.5-75	0402-01.5-82	0402-01.5-93	1.5 ± .020 ns	1.6 ns	0.23 Ohms
0402-0002-55	0402-0002-75	0402-0002-82	0402-0002-93	2.0 ± 0.20 ns	1.6 ns	0.25 Ohms
0402-02.5-55	0402-02.5-75	0402-02.5-82	0402-02.5-93	2.5 ± 0.20 ns	1.7 ns	0.33 Ohms
0402-0003-55	0402-0003-75	0402-0003-82	0402-0003-93	3.0 ± 0.20 ns	1.7 ns	0.37 Ohms
0402-03.5-55	0402-03.5-75	0402-03.5-82	0402-03.5-93	3.5 ± 0.20 ns	1.7 ns	0.46 Ohms
0402-0004-55	0402-0004-75	0402-0004-82	0402-0004-93	4.0 ± 0.20 ns	1.7 ns	0.50 Ohms
0402-04.5-55	0402-04.5-75	0402-04.5-82	0402-04.5-93	4.5 ± 0.25 ns	1.8 ns	0.58 Ohms
0402-0005-55	0402-0005-75	0402-0005-82	0402-0005-93	5.0 ± 0.25 ns	1.8 ns	0.62 Ohms
0402-05.5-55	0402-05.5-75	0402-05.5-82	0402-05.5-93	5.5 ± 0.30 ns	1.9 ns	0.71 Ohms
0402-0006-55	0402-0006-75	0402-0006-82	0402-0006-93	6.0 ± 0.30 ns	2.0 ns	0.75 Ohms
0402-06.5-55	0402-06.5-75	0402-06.5-82	0402-06.5-93	6.5 ± 0.30 ns	2.1 ns	0.78 Ohms
0402-0007-55	0402-0007-75	0402-0007-82	0402-0007-93	7.0 ± 0.30 ns	2.2 ns	0.80 Ohms
0402-07.5-55	0402-07.5-75	0402-07.5-82	0402-07.5-93	7.5 ± 0.30 ns	2.3 ns	0.83 Ohms
0402-0008-55	0402-0008-75	0402-0008-82	0402-0008-93	8.0 ± 0.30 ns	2.4 ns	0.85 Ohms
0402-08.5-55	0402-08.5-75	0402-08.5-82	0402-08.5-93	8.5 ± 0.30 ns	2.5 ns	0.88 Ohms
0402-0009-55	0402-0009-75	0402-0009-82	0402-0009-93	9.0 ± 0.30 ns	2.6 ns	0.90 Ohms
0402-09.5-55	0402-09.5-75	0402-09.5-82	0402-09.5-93	9.5 ± 0.30 ns	2.7 ns	0.93 Ohms
0402-0010-55	0402-0010-75	0402-0010-82	0402-0010-93	10.0 ± 0.30 ns	2.8 ns	0.95 Ohms
0402-0012-55	0402-0012-75	0402-0012-82	0402-0012-93	12.0 ± 0.30 ns	3.2 ns	1.05 Ohms
0402-0015-55	0402-0015-75	0402-0015-82	0402-0015-93	15.0 ± 0.40 ns	3.8 ns	1.50 Ohms

Electrical Characteristics

Delay Measurement	50% Levels
Rise Time Measurement	20%-80% 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	1.0 ns (10%-90%)
PW	Pulse Width	3 x Total Delay
PP	Pulse Period	4 x Pulse Width

Notes

Compatible with ECL & TTL circuits
 Terminals: 24 Awg tin copper
 Performance warranty is limited to specified parameters listed
 Epoxy Encapsulated

Other Delays and Impedances Available Contact Sales

Specifications subject to change without notice.

Corporate Office

Bel Fuse Inc.
 198 Van Vorst Street, Jersey City, NJ 07302-4496
 Tel: 201-432-0463
 Fax: 201-432-9542
 E-Mail: BelFuse@belfuse.com
 Internet: http://www.belfuse.com

Far East Office

Bel Fuse Ltd.
 8F/8 Luk Hop Street
 San Po Kong
 Kowloon, Hong Kong
 Tel: 852-2328-5515
 Fax: 852-2352-3706

European Office

Bel Fuse Europe Ltd.
 Preston Technology Management Centre
 Marsh Lane, Preston PR1 8UD
 Lancashire, U.K.
 Tel: 44-1772-556601
 Fax: 44-1772-888366