



PASSIVE DELAY LINES (cont.)

Style	SMD Part Numbers	Thru-Hole Part Numbers	Total Delay	Delay per Tap	Rise Time	DCR	Package Type	Package Size (inches) L x W x H	Data Sheet
		Zo - 50 Ohms							
SIP		0475-0005-50	5 ± 0.5 ns	1 ± 0.3 ns	2.0 ns	0.6 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0010-50	10 ± 1.0 ns	2 ± 0.4 ns	3.0 ns	0.6 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0020-50	20 ± 1.0 ns	4 ± 0.6 ns	6.0 ns	0.8 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0030-50	30 ± 1.5 ns	6 ± 1.0 ns	9.0 ns	1.2 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0040-50	40 ± 2.0 ns	8 ± 1.5 ns	12.0 ns	1.8 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0050-50	50 ± 2.5 ns	10 ± 1.8 ns	15.0 ns	2.3 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0060-50	60 ± 3.0 ns	12 ± 2.0 ns	18.0 ns	2.5 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0070-50	70 ± 3.5 ns	14 ± 2.0 ns	21.0 ns	3.5 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0080-50	80 ± 4.0 ns	16 ± 2.0 ns	24.0 ns	4.2 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0090-50	90 ± 4.5 ns	18 ± 3.0 ns	27.0 ns	4.5 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0100-50	100 ± 5.0 ns	20 ± 3.0 ns	30.0 ns	5.2 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
		Zo - 100 Ohms							
SIP		0475-0005-01	5 ± 0.5 ns	1 ± 0.3 ns	2.0 ns	0.7 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0010-01	10 ± 1.0 ns	2 ± 0.4 ns	3.0 ns	1.0 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0020-01	20 ± 1.0 ns	4 ± 0.6 ns	6.0 ns	1.5 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0030-01	30 ± 1.5 ns	6 ± 1.0 ns	9.0 ns	2.5 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0040-01	40 ± 2.0 ns	8 ± 1.5 ns	12.0 ns	4.0 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0050-01	50 ± 2.5 ns	10 ± 1.8 ns	15.0 ns	5.0 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0060-01	60 ± 3.0 ns	12 ± 2.0 ns	18.0 ns	5.5 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
SIP		0475-0070-01	70 ± 3.5 ns	14 ± 2.0 ns	21.0 ns	6.0 Ohms	7 Pin Sip	0.800 / 0.200 / 0.255	Cat 14-R3
		Zo-55 Ohms							
SMD	S407-00.5-55		0.5 ± 0.20 ns		1.6 ns	0.20 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0001-55		1.0 ± 0.20 ns		1.6 ns	0.20 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-01.5-55		1.5 ± 0.20 ns		1.6 ns	0.25 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0002-55		2.0 ± 0.20 ns		1.6 ns	0.25 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-02.5-55		2.5 ± 0.20 ns		1.7 ns	0.37 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0003-55		3.0 ± 0.20 ns		1.7 ns	0.37 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-03.5-55		3.5 ± 0.20 ns		1.7 ns	0.50 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0004-55		4.0 ± 0.20 ns		1.7 ns	0.50 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-04.5-55		4.5 ± 0.25 ns		1.8 ns	0.62 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0005-55		5.0 ± 0.25 ns		1.8 ns	0.62 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-05.5-55		5.5 ± 0.30 ns		1.9 ns	0.75 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0006-55		6.0 ± 0.30 ns		2.0 ns	0.75 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-06.5-55		6.5 ± 0.30 ns		2.1 ns	0.80 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0007-55		7.0 ± 0.30 ns		2.2 ns	0.80 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-07.5-55		7.5 ± 0.30 ns		2.3 ns	0.85 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0008-55		8.0 ± 0.30 ns		2.4 ns	0.85 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-08.5-55		8.5 ± 0.30 ns		2.5 ns	0.90 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0009-55		9.0 ± 0.30 ns		2.6 ns	0.90 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-09.5-55		9.5 ± 0.30 ns		2.7 ns	0.95 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0010-55		10.0 ± 0.30 ns		2.8 ns	0.95 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-10.5-55		10.5 ± 0.35 ns		2.9 ns	1.00 Ohm	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0011-55		11.0 ± 0.35 ns		3.0 ns	1.00 Ohm	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-11.5-55		11.5 ± 0.35 ns		3.1 ns	1.05 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0012-55		12.0 ± 0.35 ns		3.2 ns	1.05 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-12.5-55		12.5 ± 0.35 ns		3.3 ns	1.15 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0013-55		13.0 ± 0.35 ns		3.4 ns	1.15 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-13.5-55		13.5 ± 0.35 ns		3.5 ns	1.45 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0014-55		14.0 ± 0.35 ns		3.6 ns	1.45 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-14.5-55		14.5 ± 0.40 ns		3.7 ns	1.60 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0015-55		15.0 ± 0.40 ns		3.8 ns	1.60 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-15.5-55		15.5 ± 0.40 ns		3.9 ns	1.75 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0016-55		16.0 ± 0.40 ns		4.0 ns	1.75 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-16.5-55		16.5 ± 0.45 ns		4.1 ns	1.80 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0017-55		17.0 ± 0.45 ns		4.2 ns	1.80 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-17.5-55		17.5 ± 0.45 ns		4.3 ns	1.85 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0018-55		18.0 ± 0.45 ns		4.5 ns	1.85 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-18.5-55		18.5 ± 0.50 ns		4.7 ns	1.90 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0019-55		19.0 ± 0.50 ns		4.8 ns	1.90 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-19.5-55		19.5 ± 0.50 ns		5.0 ns	1.95 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
SMD	S407-0020-55		20.0 ± 0.50 ns		5.1 ns	1.95 Ohms	8 Pin Smd	0.500 / 0.285 / 0.220	Cat 24-R4
		Zo-100 Ohms				Attenuation			
DIP	S469-0005-01	A446-0005-01	5 ± 0.3 ns	0.5 ± 0.3 ns	3.0 ns	5%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0010-01	A446-0010-01	10 ± 0.5 ns	1.0 ± 0.4 ns	3.8 ns	5%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0020-01	A446-0020-01	20 ± 1.0 ns	2.0 ± 1.0 ns	5.0 ns	5%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0030-01	A446-0030-01	30 ± 1.5 ns	3.0 ± 1.0 ns	7.0 ns	5%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0040-01	A446-0040-01	40 ± 2.0 ns	4.0 ± 1.0 ns	8.5 ns	5%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0050-01	A446-0050-01	50 ± 2.5 ns	5.0 ± 2.0 ns	10.0 ns	5%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0060-01	A446-0060-01	60 ± 3.0 ns	6.0 ± 2.0 ns	12.0 ns	8%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0070-01	A446-0070-01	70 ± 3.5 ns	7.0 ± 2.0 ns	14.0 ns	8%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0080-01	A446-0080-01	80 ± 4.0 ns	8.0 ± 2.0 ns	16.0 ns	8%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0090-01	A446-0090-01	90 ± 4.5 ns	9.0 ± 2.0 ns	18.0 ns	8%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0100-01	A446-0100-01	100 ± 5.0 ns	10.0 ± 3.0 ns	20.0 ns	10%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0150-01	A446-0150-01	150 ± 7.5 ns	15.0 ± 3.0 ns	30.0 ns	10%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0200-01	A446-0200-01	200 ± 10.0 ns	20.0 ± 3.0 ns	40.0 ns	10%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0250-01	A446-0250-01	250 ± 12.5 ns	25.0 ± 3.0 ns	50.0 ns	10%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0300-01	A446-0300-01	300 ± 15.0 ns	30.0 ± 3.0 ns	60.0 ns	10%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0400-01	A446-0400-01	400 ± 20.0 ns	40.0 ± 3.0 ns	80.0 ns	10%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3
DIP	S469-0500-01	A446-0500-01	500 ± 25.0 ns	50.0 ± 3.0 ns	100.0 ns	10%	14 Pin Dip	0.800 / 0.285 / 0.220	Cat 20-R3

Specifications subject to change without notice.