

Lead Type Monolithic Crystal Filters

HC-49/T 2POLE (Fundamental; 10MHz~15MHz)

Generic Specification



Type	Nominal Frequency	Pass Bandwidth		Attenuation Bandwidth		Ripple	Insertion Loss	Terminal Impedance
	[MHz]	[dB]	[kHz]	[dB]	[kHz]	[dB]	[dB]	Rt[Ω]//Ct[pF]
10707AH	10.700	3	±3.75	20	±18.00	0.5	2.0	1800 // 5
10712AH	10.700	3	±6.00	18	±20.00	0.5	2.0	3000 // 3
10715AH	10.700	3	±7.50	18	±25.00	0.5	2.0	3000 // 2
10730AH	10.700	3	±15.00	18	±50.00	0.5	2.0	5000 // -1
Operating Temperature Range	-20~+70°C							

HC-49/T

Consult our sales representative for other specifications.

UM-2 2POLE (Fundamental; 10MHz~15MHz)

Generic Specification



Type	Nominal Frequency	Pass Bandwidth		Attenuation Bandwidth		Ripple	Insertion Loss	Terminal Impedance
	[MHz]	[dB]	[kHz]	[dB]	[kHz]	[dB]	[dB]	Rt[Ω]//Ct[pF]
10707AB	10.700	3	±3.75	20	±18.00	0.5	2.0	1800 // 5
10712AB	10.700	3	±6.00	18	±20.00	0.5	2.0	3000 // 3
10715AB	10.700	3	±7.50	18	±25.00	0.5	2.0	3000 // 2
10730AB	10.700	3	±15.00	18	±50.00	0.5	2.0	5000 // -1
Operating Temperature Range	-20~+70°C							

UM-2

Consult our sales representative for other specifications.

UM-1,UM-5 2POLE (Fundamental; 15MHz~60MHz, 3rd overtone;45MHz~110MHz)

Generic Specification



UM-1

Type	Nominal Frequency	Pass Bandwidth		Attenuation Bandwidth		Ripple	Insertion Loss	Terminal Impedance
	[MHz]	[dB]	[kHz]	[dB]	[kHz]	[dB]	[dB]	Rt[Ω]//Ct[pF]
21407AD	21.400	3	±3.50	16	±12.50	1.0	2.5	1500 // 6
21409AD	21.400	3	±4.50	14	±12.50	1.0	2.0	1500 // 4
21412AD	21.400	3	±6.00	15	±20.00	1.0	2.0	1200 // 2.5
21415AD	21.400	3	±7.50	18	±25.00	1.0	2.0	1500 // 3
21420AD	21.400	3	±10.00	10	±25.00	1.0	2.0	1800 // 1.5
21430AD	21.400	3	±15.00	15	±45.00	1.0	2.0	3000 // 0.5
21707AD	21.700	3	±3.50	16	±12.50	1.0	2.5	1500 // 6
21709AD	21.700	3	±4.50	14	±12.50	1.0	2.0	1500 // 4
21712AD	21.700	3	±6.00	15	±20.00	1.0	2.0	1200 // 2.5
21715AD	21.700	3	±7.50	18	±25.00	1.0	2.0	1500 // 3
21720AD	21.700	3	±10.00	10	±25.00	1.0	2.0	1800 // 1.5
21730AD	21.700	3	±15.00	15	±45.00	1.0	2.0	3000 // 0.5
23007AD	23.050	3	±3.75	16	±12.50	1.0	2.5	1600 // 5
23015AD	23.050	3	±7.50	18	±25.00	1.0	2.0	1500 // 3
30815AD	30.875	3	±7.50	18	±25.00	1.0	2.0	800 // 6
45007AD	45.000	3	±3.50	10	±12.50	1.0	3.0	510 // 5.5
45015AD	45.000	3	±7.50	14	±25.00	1.0	2.5	550 // 3
45030AD	45.000	3	±15.00	10	±50.00	1.0	2.5	800 // 1.5
55115AD	55.100	3	±7.50	14	±25.00	1.0	2.5	600 // 4
55820AD	55.845	3	±10.00	20	±40.00	1.0	2.5	3600 // -0.8
Operating Temperature Range	-20~+70°C							

UM-5

Consult our sales representative for other specifications.

UM-4 2POLE (Fundamental; 45MHz~60MHz)

Generic Specification



UM-4

Type	Nominal Frequency	Pass Bandwidth		Attenuation Bandwidth		Ripple	Insertion Loss	Terminal Impedance
	[MHz]	[dB]	[kHz]	[dB]	[kHz]	[dB]	[dB]	Rt[Ω]//Ct[pF]
45007AC	45.000	3	±3.50	10	±12.50	1.0	3.0	510 // 5.5
45015AC	45.000	3	±7.50	14	±25.00	1.0	2.5	550 // 3
45030AC	45.000	3	±15.00	10	±50.00	1.0	2.5	800 // 1.5
55115AC	55.100	3	±7.50	14	±25.00	1.0	2.5	600 // 4
58515AC	58.525	3	±7.50	18	±30.00	1.0	2.5	350 // 4
Operating Temperature Range	-20~+70°C							

Consult our sales representative for other specifications.