

Lead Type Monolithic Crystal Filters

HC-49/T 4POLE (Fundamental; 10MHz~15MHz)

Generic Specification



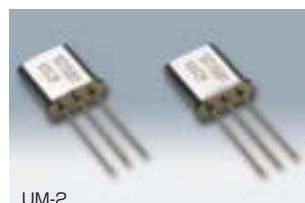
HC-49/T

Type	Nominal Frequency	Pass Bandwidth		Attenuation Bandwidth		Ripple	Insertion Loss	Terminal Impedance
	[MHz]	[dB]	[kHz]	[dB]	[kHz]	[dB]	[dB]	Rt[Ω]//Ct[pF]//Cc[pF]
10707BH	10.700	3	±3.75	40	±14.00	1.0	2.5	1800//4.0//12
10712BH	10.700	3	±6.00	40	±20.00	1.0	2.5	2800//1.5//7
10715BH	10.700	3	±7.50	40	±25.00	1.0	2.5	3000//1.0//5
10730BH	10.700	3	±15.00	40	±50.00	1.0	2.5	5500//1.0//0
Operating Temperature Range	-20~+70℃							

Consult our sales representative for other specifications.

UM-2 4POLE (Fundamental; 10MHz~15MHz)

Generic Specification



UM-2

Type	Nominal Frequency	Pass Bandwidth		Attenuation Bandwidth		Ripple	Insertion Loss	Terminal Impedance
	[MHz]	[dB]	[kHz]	[dB]	[kHz]	[dB]	[dB]	Rt[Ω]//Ct[pF]//Cc[pF]
10707BB	10.700	3	±3.75	40	±14.00	1.0	2.5	1800//4.0//12
10712BB	10.700	3	±6.00	40	±20.00	1.0	2.5	2800//1.5//7
10715BB	10.700	3	±7.50	40	±25.00	1.0	2.5	3000//1.0//5
10730BB	10.700	3	±15.00	40	±50.00	1.0	2.5	5500//1.0//0
Operating Temperature Range	-20~+70℃							

Consult our sales representative for other specifications.

UM-1,UM-5 4POLE (Fundamental; 15MHz~60MHz, 3rd overtone; 45MHz~90MHz)

Generic Specification



UM-1



UM-5

Type	Nominal Frequency	Pass Bandwidth		Attenuation Bandwidth		Ripple	Insertion Loss	Terminal Impedance
	[MHz]	[dB]	[kHz]	[dB]	[kHz]	[dB]	[dB]	Rt[Ω]//Ct[pF]//Cc[pF]
21407BD	21.400	3	±3.75	40	±14.00	1.0	2.5	850//5.0//116
21408BD	21.400	3	±4.00	40	±16.00	1.0	2.5	1000//4.0//13.5
21412BD	21.400	3	±6.00	40	±20.00	1.0	2.5	1200//2.5//10.5
21415BD	21.400	3	±7.50	40	±25.00	1.0	2.5	1500//2.0//8.0
21430BD	21.400	3	±15.00	40	±50.00	1.0	2.5	3300//0.5//3.0
21707BD	21.700	3	±3.75	40	±14.00	1.0	2.5	850//5.0//16.0
21712BD	21.700	3	±6.00	40	±20.00	1.0	2.5	1200//2.5//10.5
21715BD	21.700	3	±7.50	40	±25.00	1.0	2.5	1500//2.0//8.0
21730BD	21.700	3	±15.00	40	±50.00	1.0	2.5	3300//0.5//3.0
30815BD	30.850	3	±7.50	40	±25.00	1.0	2.5	800//4.0//12.0
45015BD	45.000	3	±7.50	40	±25.00	1.0	3.0	650//3.0//10.0
45030BD	45.000	3	±15.00	30	±40.00	1.0	3.0	800//1.5//7.0
55009BD	55.000	3	±4.50	50	±25.00	1.0	4.0	220//7.0//23.0
Operating Temperature Range	-20~+70℃							

Consult our sales representative for other specifications.

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

Generic Specification

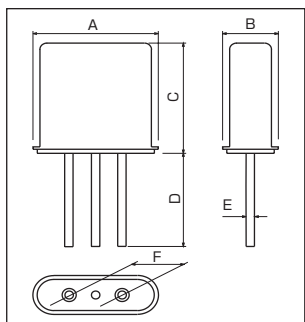


UM-4

Type	Nominal Frequency	Pass Bandwidth		Attenuation Bandwidth		Ripple	Insertion Loss	Terminal Impedance
	[MHz]	[dB]	[kHz]	[dB]	[kHz]	[dB]	[dB]	Rt[Ω]//Ct[pF]//Cc[pF]
45015BD	45.000	3	±7.50	40	±25.00	1.0	3.0	650//3.0//10.0
45030BD	45.000	3	±15.00	30	±40.00	1.0	3.0	800//1.5//7.0
55009BD	55.000	3	±4.50	50	±25.00	1.0	4.0	220//7.0//23.0
58108BC	58.1125	3	±4.00	50	±25.00	1.0	6.0	220//7.0//27.0
Operating Temperature Range	-20~+70℃							

Consult our sales representative for other specifications.

Dimensions[mm]



	A	B	C	D	E	F
UM-1	7.8±0.2	3.0±0.2	7.8±0.2	12.5±1	φ0.35±0.05	3.75±0.2
UM-4	7.8±0.2	3.0±0.2	4.3±0.2	12.5±1	φ0.35±0.05	3.75±0.2
UM-5	7.8±0.2	3.0±0.2	5.8±0.2	12.5±1	φ0.35±0.05	3.75±0.2
UM-2	9.3±0.3	3.4±0.3	9.3±0.3	13.2±1	φ0.40+0.07-0.05	4.88±0.2
HC-49/T	10.7±0.3	4.4±0.3	11.0±0.3	20.0±1	φ0.43+0.05-0.02	4.88±0.2