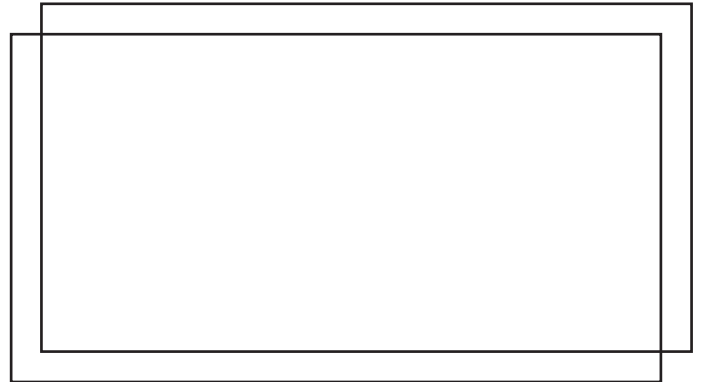


Overtone series mcf filter

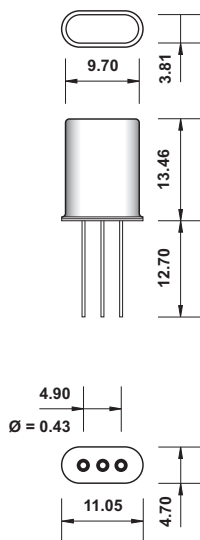
- # discrete units
- # standard designs
- # available for small lot production
- # excellent selectivity
- # RoHS compliant



Model	Nominal Frequency	Passband (dB) \pm (kHz)		Stopband (dB) \pm (kHz)		Ripple (dB)	Loss (dB)	Terminating Impedance (Ω /pF)	No. of Poles	Model Type
45M15A	45.00	3	7.50	18	25.0	1.0	3.0	4000// -1	2	UM-1
45M15B	45.00	3	7.50	35	25.0	1.0	3.0	3500// 1	4	UM-1 x 2
45M20A	45.00	3	10.0	18	33.0	0.5	2.0	3900// -1	2	UM-1
54M08B	54.50	3	4.0	30	12.5	1.0	4.0	1800// -0.5	4	HC-49/U x 2
54M12B	54.50	3	6.0	30	20.0	1.0	4.0	3000// -0.5	4	UM-1 x 2
54M15B	54.50	3	7.50	35	25.0	1.0	4.0	3600// -1	4	UM-1 x 2
55M17B	55.025	3	8.50	25	25.0	2.0	3.0	3000// -1	4	UM-1 x 2
58M13B	58.1125	3	6.50	25	20.0	2.0	4.0	3000// -1	4	UM-1 x 2
58M17B	58.1125	3	8.50	25	25.0	2.0	3.0	3000// -1	4	UM-1 x 2
70M15A	70.00	3	7.50	18	28.0	1.0	3.0	3800// -0.5	2	UM-1
70M15B	70.00	3	7.50	40	30.0	1.0	4.0	3800// -0.5	4	UM-1 x 2
70M20A	70.00	3	10.0	15	30.0	1.0	3.0	4300// -1	2	UM-1
70M20B	70.00	3	10.0	35	40.0	1.0	4.0	4300// -1	4	UM-1 x 2

Dimensions(mm)

HC-49/U



Dimensions(mm)

UM-1

