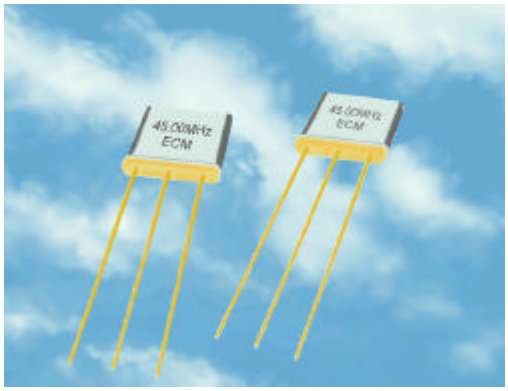
Monolithic Crystal Filters

ECM 45.0MHz Series

- Fundamental Mode
- Small Size
- Cost Effective Design
- Surface Mount Options
- Custom Options



Type	Centre Frequency	Ripple (max)	Number Of Poles	Passband Width	Termination Impedance	Case Style
Fundamental						
F45M08B1	45.0MHz	1.0dB	4	3dB +/-3.75kHz	330Ω//7pF	UM-1 x 2
F45M10B1	45.0MHz	1.0dB	4	3dB +/-5.00kHz	390Ω//4pF	UM-1 x 2
F45M12B1	45.0MHz	1.0dB	4	3dB +/-6.00kHz	390Ω//4pF	UM-1 x 2
F45M13B1	45.0MHz	1.0dB	4	3dB +/-6.50kHz	390Ω//4pF	UM-1 x 2
F45M15A1	45.0MHz	0.5dB	2	3dB +/-7.50kHz	470Ω//6pF	UM-1
F45M15B1	45.0MHz	1.0dB	4	3dB +/-7.50kHz	470Ω//3pF	UM-1 x 2
F45M15C1	45.0MHz	2.0dB	6	6dB +/-7.50kHz	470Ω//3pF	M-107
F45M18A1	45.0MHz	0.5dB	2	3dB +/-9.00kHz	470Ω//6pF	UM-1
F45M18B1	45.0MHz	1.0dB	4	3dB +/-9.00kHz	500Ω//3pF	UM-1 x 2
F45M35B1	45.0MHz	1.0dB	4	3dB +/-17.5kHz	1000Ω//1pF	UM-1 x 2
F45M20A1	45.0MHz	0.5dB	2	3dB +/-10.0kHz	560Ω//5pF	UM-1
F45M20B1	45.0MHz	1.0dB	4	3dB +/-10.0kHz	560Ω//2pF	UM-1 x 2
MF45MB2	45.0MHz	1.5dB	2	3dB +/-3.75kHz	330Ω//6.5pF	TR-6 x 2
MF45R2	45.0MHz	0.5dB	1	3dB +/-7.50kHz	560Ω//6pF	TR6
MF45RB2	45.0MHz	1.0dB	2	3dB +/-7.50kHz	560Ω//2.5pF	TR-6 x 2
MF45RBB	45.0MHz	1.0dB	2	3dB +/-7.50kHz	800Ω//1.7pF	TR-6 x 2
MF45SBA	45.0MHz	1.0dB	2	3dB +/-10.0kHz	730Ω//2pF	TR-6 x 2
MF45U9	45.0MHz	1.0dB	1	3dB +/-15.0kHz	1200Ω//0	TR-6
Overtone Series						
F45M15A	45.0MHz	0.5dB	2	3dB +/-7.50kHz	3000Ω//-1pF	HC49/U
F45M15AU	45.0MHz	1.0dB	2	3dB +/-7.50kHz	4000Ω//-1pF	UM-1
F45M15BU	45.0MHz	1.0dB	4	3dB +/-7.50kHz	3500Ω//-1pF	UM-1 x 2
F45M20A	45.0MHz	0.5dB	2	3dB +/-10.0kHz	3900Ω//-1pF	HC49/U
MF49P	45.0MHz	1.0dB	1	3dB +/-5.00kHz	3300Ω//-1pF	TR-1

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Although we have attempted to accurately reflect the products we market. ECM reserve the right without prior notice to discontinue any product or make design changes we believe necessary.

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