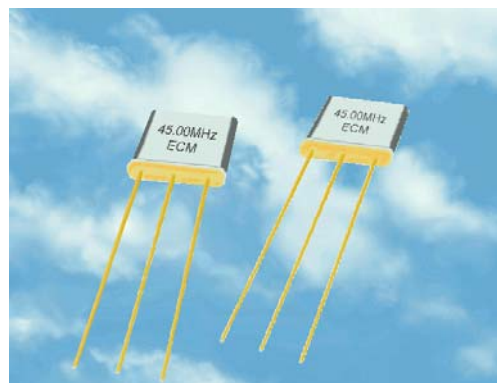
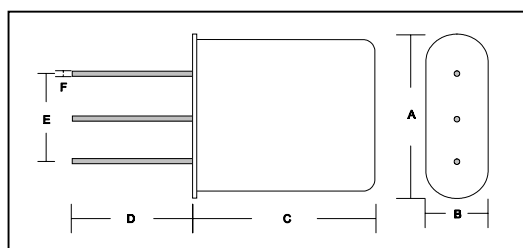


ECM 90.0MHz

- Small Size
- Cost Effective Design
- Surface Mount Available
- Custom Options



Type	Centre Frequency	Ripple (max)	Number Of Poles	Passband Width	Termination Impedance	Case Style
3 rd Overtone						
F90M7.5A	90.00MHz	1.0dB	2	3dB +/-3.75kHz	2000Ω//0.3pF	UM a ~ f
F90M7.5B	90.00MHz	1.0dB	4	3dB +/-3.75kHz	1800Ω//0.1pF	UM a ~ f
F90M12A	90.00MHz	1.0dB	2	3dB +/-6.00kHz	2000Ω//0pF	UM a ~ f
F90M12B	90.00MHz	1.0dB	4	3dB +/-6.00kHz	2000Ω//0.3pF	UM a ~ f
F90M15A	90.00MHz	1.0dB	2	3dB +/-7.50kHz	2000Ω//0.1pF	UM a ~ f
F90M15B	90.00MHz	1.0dB	4	3dB +/-7.50kHz	2000Ω//0.5pF	UM a ~ f
F90M20A	90.00MHz	1.0dB	2	3dB +/-10kHz	2500Ω//0.4pF	UM a ~ f
F90M20B	90.00MHz	1.0dB	4	3dB +/-10kHz	2500Ω//0.6pF	UM a ~ f
F90M30A	90.00MHz	1.0dB	2	3dB +/-15kHz	4000Ω//0.7pF	UM a ~ f
F90M30B	90.00MHz	1.0dB	4	3dB +/-15kHz	4000Ω//0.7pF	UM a ~ f



Code	Case	A	B	C	D	E	F
UM a	UM-1	8.0	3.0	8.0	20.0	3.75	0.35
UM b	UM-1S	8.0	2.5	8.0	20.0	3.75	0.35
UM c	UM-5	8.0	3.0	6.0	20.0	3.75	0.35
UM d	UM-5S	8.0	2.5	6.0	20.0	3.75	0.35
UM e	UM-4	8.0	3.0	4.5	20.0	3.75	0.35
UM f	UM-4S	8.0	2.5	4.5	20.0	3.75	0.35

Dimensions in mm