ECS-96SMF Series

SMD Crystal Filter

ECS delivers pure filtering versatility with the ECS-96SMF Series monolithic crystal filter. This low profile SMD filter addresses a broad range of applications including wide/narrow band filters for mobile, UHF, and wireless applications

Request a Sample

ECS-96SMF Series



- 5 x 7 Footprint
- 2 Pole Filter
- Tape and Reel Packaging

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

Part Number *	Center Frequency Fo	Passband Min.		Stopband Max.		Attenuation Guaranteed Min.		Ripple Max.	Loss Max.	Terminating Impedance	Operating Temperature	No. of Poles
	MHz	dB	KHz	dB	KHz	dB	KHz	dB	dB	Ω//pF	°C	
ECS-96SMF21A15	21.400	3	± 7.5	10	± 25.0	65	-910	1.0	2.5	1500//2.5	-30 ~ +85	2
ECS-96SMF29A20	29.250	3	± 10	10	± 25.0	70	-910	1.0	1.5	1800//1.5	-30 ~ +85	2
ECS-96SMF45A30	45.000	3	± 15	15	± 60.0	70	-910	1.0	3.0	1200//1.8	-30 ~ +85	2
ECS-96SMF109A24 *	109.650	3	± 12	18	± 60.0	65	-910	1.0	3.0	1500//-1.2	-30 ~ +80	2

* 3RD Overtone

Package Dimensions (mm)

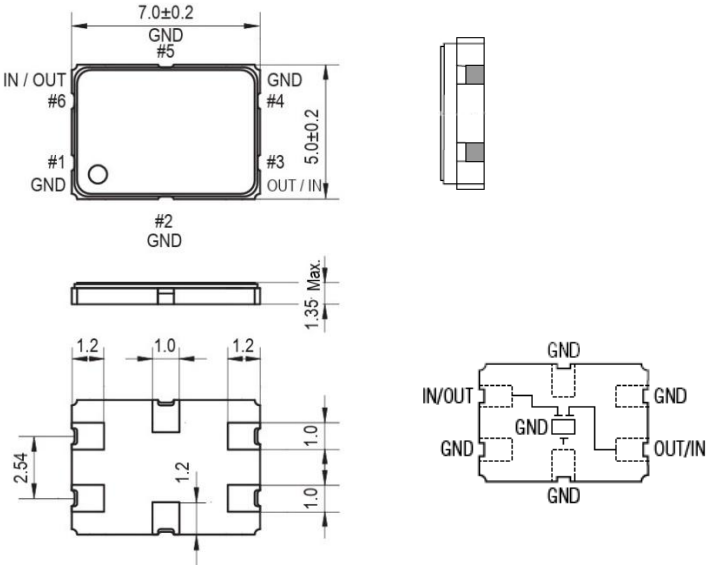


Figure 1) *Top, Side and Bottom views*

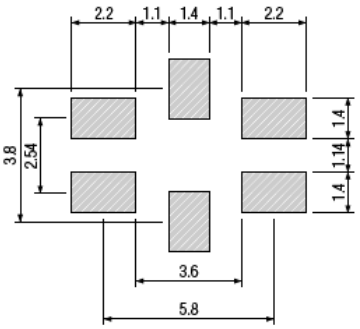


Figure 2) *Land Pattern*