

The ECS-38SMF Miniature SMD Monolithic Crystal Filter offers a narrow bandwidth with a 2 pole response in a 3.8 x 3.8 package.

## **ECS-38SMF Series** SMD Crystal Filter



Request a Sample



- 3.8 x 3.8 Footprint
- **RoHS Compliant**
- Tape & Reel Packaging

## **OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS**

Part Number *	Center Frequency F <sub>o</sub>	Passband Min.		Stopband Max.		Attenuation Guaranteed Min.		Rippl e Max.	Loss Max.	Terminating Impedance	Operating Temperature	No. of
	MHz	dB	KHz	dB	KHz	dB	KHz	dB	dB	Ω//pF	°C	Poles
ECS-38SMF45A15	45.000	3	± 7.5	13	± 25.0	60	-900	0.5	2.0	560//6.0	-30 ~ +80	2
ECS-38SMF45A30	45.000	3	± 15.0	15	± 60	60	-900	1.0	2.5	1100//1.0	-30 ~ +80	2

## **Package Dimensions (mm)**

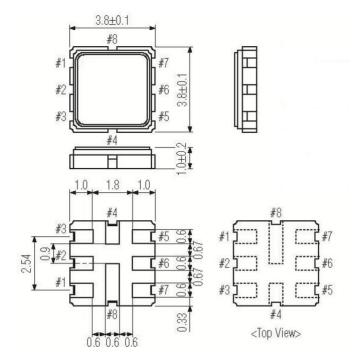


Figure 1) Front and Side views

Pin Connections					
#1	* In/Out				
#2	Ground				
#3	Ground				
#4	Ground				
#5	* Out/In				
#6	Ground				
#7	Ground				
#8	Ground				
* Filter is symmetrical					

Filter is symmetrical