ECS INC INTERNATIONAL

RoHS COMPLIANT

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

ECS-38SMF

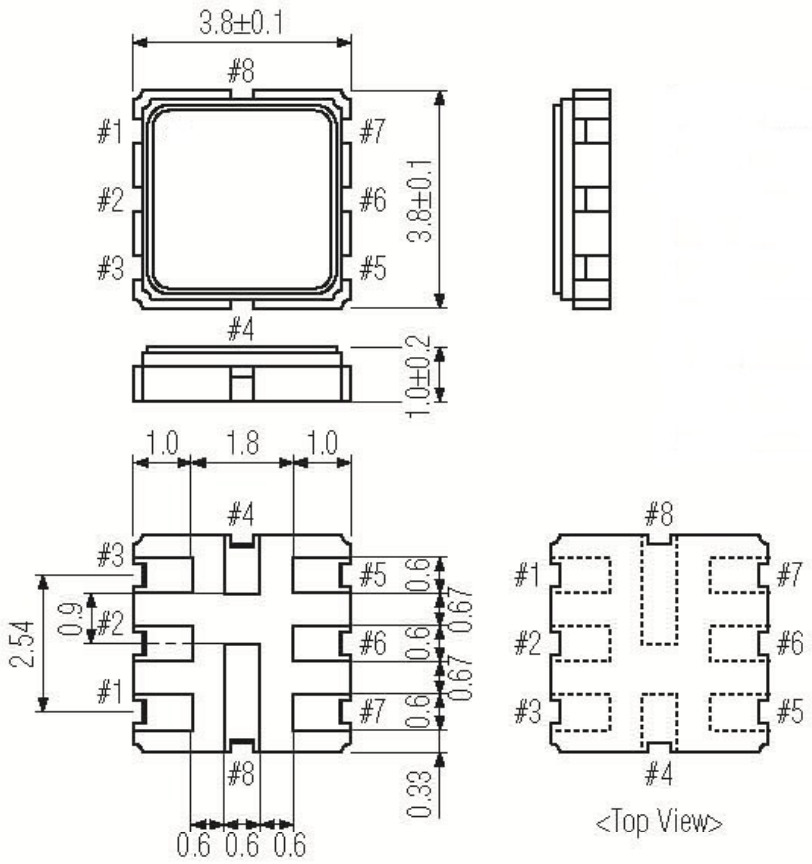
SMD CRYSTAL FILTER

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.

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-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	± 60.0	60	-900	1.0	2.5	1100//1.0	-30 ~ +80	2

PACKAGE DIMENSIONS (mm)



PIN CONNECTIONS	
#1	* In/Out
#2	Ground
#3	Ground
#4	Ground
#5	* Out/In
#6	Ground
#7	Ground
#8	Ground

* Filter is symmetrical

Figure 1) Top, Side and Bottom Views

Rev. 1/12

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