

The ECS-75SMF Miniature SMD Monolithic Crystal Filter offers a narrow bandwidth and a 4 pole response in a 5 x 7 package.

[Request a Sample](#)

ECS-75SMF Series



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

OPERATING CONDITIONS / ELECTRICAL CHARACTERISTICS

Part Number *	Center Frequency F_o	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-75SMF45A7.5B	45.000	3	± 3.75	30	± 12.5	80	-910	1.0	4.0	350//6.5	-30 ~ +80	4
ECS-75SMF45A20B	45.000	3	± 10.0	25	± 25.0	80	-910	1.0	3.0	500//2.5	-30 ~ +80	4
ECS-75SMF45A30B	45.000	3	± 15.0	30	± 50.0	80	-910	1.0	3.0	1000//1.0	-30 ~ +80	4
ECS-75SMF70.05A20B	70.050 *	3	± 10.0	20	± 25.0	70	-910	1.0	4.0	2500//1.0	-30 ~ +80	4

* Indicates 3rd Overtone

Package Dimensions (mm)

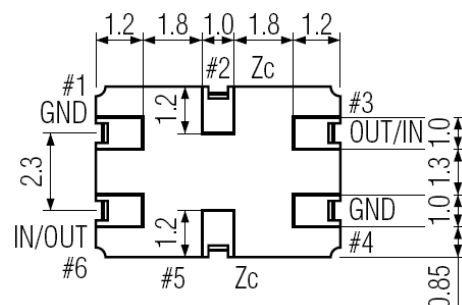
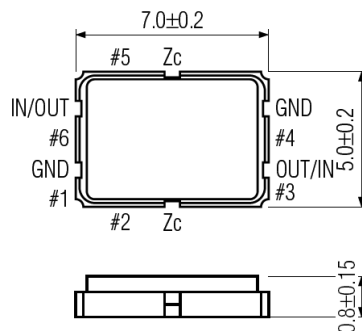


Figure 1) Top, Side and Bottom views

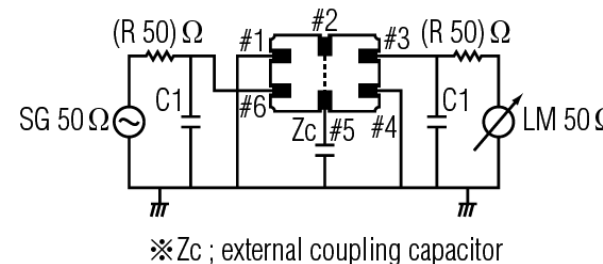


Figure 2) Test Circuit

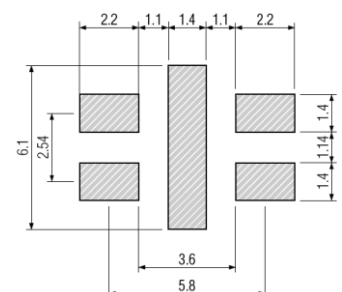


Figure 3) Land Pattern

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[ECS:](#)

[ECS-75SMF45A7.5B-TR](#) [ECS-75SMF45A30B-TR](#) [ECS-75SMF45A30B](#) [ECS-75SMF45A7.5B](#) [ECS-75SMF45A20B](#)