

## SMD Micro-Miniature 38SMF Series (2 & 3 Pole in 3.8 x 3.8mm)

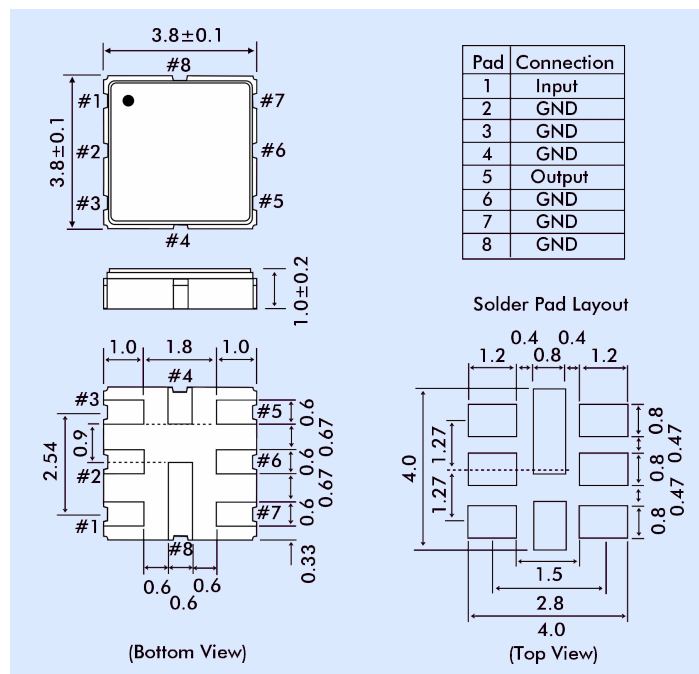
- Compact, micro-miniature and low mass.
- Excellent shock and vibration resistance
- Suitable for automatic pick and place
- 2 and 3 pole MCF



### OUTLINE & DIMENSIONS

#### PACKAGE INFORMATION

Lid:	Metal
Base:	Ceramic
Sealing:	Seam
Terminal:	Tungsten (metalized)
Terminal Plating:	Gold / Nickel (surface/under)
RoHS Status:	Compliant (Pb-free)



#### STANDARD SPECIFICATIONS

Part Number	Nominal Frequency (MHz)	Oscill. Mode	Passband		Stopband		Attention Guaranteed Min.			Loss Max. dB	Terminating Impedance $\Omega$ // pF	Temp. Range $^{\circ}\text{C}$ .	No. of Poles
			Minimum dB	kHz	Maximum dB	kHz	dB max.	kHz					
38SMF450A15	45.000	FUND	3	$\pm 7.5$	13	$\pm 25.0$	60	-900	0.5	2.0	560//6.0	-30 to +80	2
38SMF45A30	45.000	FUND	3	$\pm 15.0$	15	$\pm 60.0$	60	-900	1.0	2.5	1100//1.0	-30 to +80	2
38SMF1096A20-3P	109.650	3rd	0.5	$\pm 10.0$	22	$\pm 60.0$	-	-900	0.5	2.5	2000// -0.6	-30 to +80	3
38SMF130A20-3P	130.000	3rd	0.5	$\pm 10.0$	10	$\pm 25.0$	70	-900	0.5	3.0	870// -1.5	-30 to +80	3