

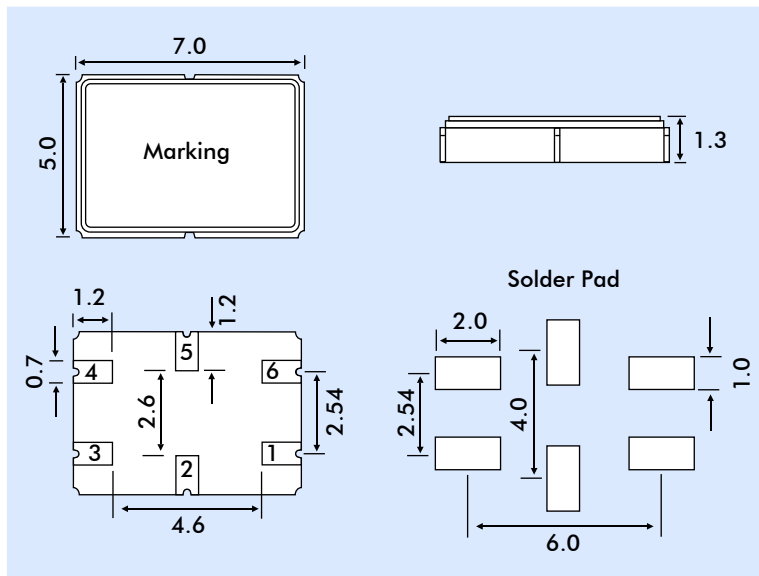
SMD Micro-Miniature 96SMF Series (4 Pole in 7.0 x 5.0mm)

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

Package Information

Item	Material
Lid	Metal
Base	Ceramic
Sealing	Seam
Terminal	Tungsten (metallised)
Terminal Plating	Gold/Nickel (surface)/(under)
RoHS	Compliant (Pb-free)

Pad Connections
 Pads 1,4: Ground
 Pads 2,5: Zc
 Pad 6: Input/Output
 Pad 3: Output



Standard Specifications

Part Number	Nominal Frequency	Oscillation Mode	Passband Minimum		Stopband Maximum		Guaranteed Attenuation Min.		Ripple max.	Insertion Loss max.	Terminating Impedance	Coupling Capacitor	Temperature Range	Poles
	MHz		dB	kHz	dB	kHz	dB max.	kHz	dB					
96SMF214A7.5-4P	21.400	FUND	3	±3.75	30	±12.5	80	-910	1.0	4.0	1800//2.0	6.0	-30 to +80	4
96SMF214A12-4P	21.400	FUND	3	±6.0	30	±22.0	80	-910	1.0	4.0	1800//2.0	5.5	-30 to +80	4
96SMF217A7.5-4P	21.700	FUND	3	±3.75	31	±12.5	75	-910	1.0	4.0	1800//2.0	6.0	-30 to +80	4
96SMF217A15-4P	21.700	FUND	3	±7.5	30	±25.0	70	-910	1.0	4.0	1750//0.35	5.0	-30 to +80	4
96SMF388A7.5-4P	38.850	FUND	3	±3.75	40	±18.0	80	-910	1.0	4.0	480//5.5	15.0	-30 to +80	4
96SMF388A10-4P	38.850	FUND	3	±5.0	40	±20.0	80	-910	1.0	4.0	610//3.0	14.0	-30 to +80	4
96SMF388A12-4P	38.850	FUND	3	±6.0	35	±25.0	70	-910	1.0	4.0	610//3.0	13.0	-30 to +80	4
96SMF448A15-4P	44.850	FUND	3	±7.5	35	±25.0	70	-910	1.0	4.0	650//3.0	8.0	-30 to +80	4
96SMF449A16-4P	44.9725	FUND	3	±8.0	20	±30.0	80	-910	1.0	4.0	800//1.7	8.0	-30 to +80	4
96SMF450A7.5-4P	45.000	FUND	3	±3.75	30	±12.5	80	-910	1.0	4.0	350//6.5	18.0	-30 to +80	4
96SMF450A10-4P	45.000	FUND	3	±5.0	40	±20.0	80	-910	1.0	4.0	610//3.0	14.0	-30 to +80	4
96SMF450A15A-4P	45.000	FUND	3	±7.5	30	±25.0	80	-910	1.0	4.0	650//3.0	9.0	-30 to +80	4
96SMF450A15B-4P	45.000	FUND	3	±7.5	35	±26.0	80	-910	1.0	3.0	800//1.7	8.0	-30 to +80	4
96SMF450A15C-4P	45.000	FUND	3	±7.5	30	±25.0	80	-910	1.0	3.0	650//2.5	8.0	-30 to +80	4
96SMF450A15D-4P	45.000	FUND	3	±7.5	30	±25.0	70	-910	1.0	4.0	600//3.0	9.5	-30 to +80	4
96SMF450A15E-4P	45.000	FUND	3	±7.5	25	±22.0	80	-910	1.0	4.0	800//2.0	8.0	-30 to +80	4
96SMF450A15F-4P	45.000	FUND	3	±7.5	30	±25.0	80	-910	1.0	3.0	650//3.0	9.0	-30 to +80	4
96SMF450A30A-4P	45.000	FUND	3	±15.0	30	±45.0	70	-910	1.0	3.0	1000//1.0	5.0	-30 to +80	4
96SMF450A30B-4P	45.000	FUND	3	±15.0	30	±50.0	80	-910	1.0	3.0	800//1.7	6.0	-30 to +80	4
96SMF450A30C-4P	45.000	FUND	3	±15.0	30	±45.0	70	-910	1.0	3.0	1000//1.0	15.0	-30 to +80	4
96SMF451A12-4P	45.100	FUND	3	±6.0	25	±22.0	80	-910	1.0	4.0	500//4.5	11.5	-30 to +80	4
96SMF451A15-4P	45.100	FUND	3	±7.5	30	±25.0	80	-910	1.0	4.0	800//2.0	8.0	-30 to +80	4
96SMF453A7.5-4P	45.300	FUND	3	±3.75	30	±12.5	80	-910	1.0	5.0	350//6.5	18.0	-30 to +80	4
96SMF453A12-4P	45.300	FUND	3	±6.0	30	±20.0	80	-910	1.0	4.0	650//3.0	9.0	-30 to +80	4
96SMF453A15-4P	45.300	FUND	3	±7.5	30	±25.0	80	-910	1.0	4.0	650//2.5	8.5	-30 to +80	4
96SMF463A12-4P	46.350	FUND	3	±6.0	30	±20.0	75	-910	1.0	3.0	490//4.0	13.0	-30 to +80	4
96SMF472A10-4P	47.250	FUND	3	±5.0	40	±18.0	80	-910	1.0	3.5	430//6.5	14.5	-30 to +80	4
96SMF474A7.5-4P	47.400	FUND	3	±3.75	20	±12.5	80	-910	1.5	6.0	350//6.5	17.0	-30 to +80	4
96SMF484A15-4P	48.425	FUND	3	±7.5	20	±25.0	80	-910	1.0	5.0	470//4.5	12.0	-30 to +80	4
96SMF4947.5-4P	49.455	FUND	3	±3.75	30	±15.0	80	-910	1.0	4.0	300//7.5	20.0	-30 to +80	4
96SMF499A10-4P	49.950	FUND	3	±5.0	40	±20.0	80	-910	1.0	4.0	350//6.0	15.5	-30 to +80	4
96SMF700A20-4P	70.000	3rd	3	±10.0	35	±40.0	70	-910	1.0	4.0	3000//0.6	-0.8	-30 to +80	4
96SMF742A10-4P	74.250	FUND	3	±5.0	40	±18.0	80	-910	1.0	3.5	430//6.5	14.5	-30 to +80	4
96SMF900A7.5-4P	90.000	3rd	3	±3.75	30	±12.5	80	-910	1.0	4.0	1200//0.0	0.7	-30 to +80	4