



MINIATURE 4 POLE SURFACE MOUNT MONOLITHIC CRYSTAL FILTER - S2 Series

FEATURES

- Industry Standard Footprint, Compact Size (7x5X0.9 mm) for 4 Pole Device.
- Excellent Vibration Resistance and Shock Resistance
- Withstand IR or Vapor Phase Soldering Reflow, Excellent Solderability
- RoHS Compliant (Pb-Free)

SPECIFICATIONS

Model	Nominal Frequency (MHz)	Pass Bandwidth (dB) (kHz)	Stop Bandwidth (dB) (kHz)	Ripple (dB)	Insertion Loss (dB)	Guaranteed Attenuation (dB, -910KHz)	Terminating Impedance (kOhms/pF)	Case Style	No. of Poles
44M11B	44.250	3 ±5.50	35 ±20.0	1.5	3.0	70	0.6 // 2.5	S2	4
44M13B	44.250	3 ±6.50	22 ±12.5	1.0	3.0	70	0.43 // 6.0	S2	4
45M7.5B	45.000	3 ±3.75	30 ±12.5	1.0	4.0	80	0.35 // 6.5	S2	4
45M15B	45.050	3 ±7.50	35 ±25.0	1.0	3.0	80	0.65 // 3.0	S2	4
45M20B	45.000	3 ±10.00	25 ±25.0	1.0	3.0	80	0.5 // 2.5	S2	4
45M30B	45.000	3 ±15.00	30 ±50.0	1.0	3.0	80	1.2 // 0.7	S2	4
45M15B	45.100	3 ±7.50	35 ±25.0	1.5	3.0	70	0.65 // 2.2	S2	4
47M15B	47.250	3 ±7.50	35 ±27.0	1.0	3.0	70	0.8 // 1.7	S2	4
73M13B	73.350 (3)	3 ±6.50	30 ±20.0	1.0	4.0	70	1.7 // -0.6	S2	4

Typical Part Number M - Pass Bandwidth - Pole (A:2; B:4) - Case Style - Frequency - Package Option

P/N Example M20BS2-45M000-T&R: Model 45M20B Monolithic Crystal Filter in 7x5x0.9 mm SMD package; Nominal frequency 45.000 MHz; Pass bandwidth ±10 kHz; 4 Poles; Tape & Reel package.

OUTLINE DRAWING

