



CERAMIC SEAM SEALED SURFACE MOUNT MONOLITHIC CRYSTAL FILTER - S1 Series

FEATURES

- Industry Standard Footprint, Compact Size (7 x 5 mm) with 1.4 mm Height Maximum
- Excellent Vibration Resistance and Shock Resistance
- Withstand IR or Vapor Phase Soldering Reflow, Excellent Solderability
- Tape and Reel Packing

SPECIFICATIONS

Model	Nominal Frequency (MHz)	Pass Bandwidth (dB) (kHz)	Stop Bandwidth (dB) (kHz)	Ripple (dB)	Insertion Loss (dB)	Guaranteed Attenuation (dB)	Terminating Impedance (kOhms/pF)	Case Style	No. of Poles
17M15A	17.900	3 ±7.5	17 ±25	0.75	2.0	65	1.75 // -1.7	S1	2
21M7.5A	21.400	3 ±3.75	18 ±15	1.0	2.0	65	0.87 // 6.0	S1	2
21M15A	21.400	3 ±7.5	18 ±25	0.5	1.5	65	1.5 // 2.5	S1	2
21M7.5A	21.700	3 ±3.75	18 ±15	1.0	2.0	65	0.87 // 6.0	S1	2
21M15A	21.700	3 ±7.5	18 ±25	1.5	2.0	65	1.5 // 2.5	S1	2
26M15A	26.050	3 ±7.5	18 ±25	1.0	2.0	65	1.5 // 2.0	S1	2
29M20A	29.250	3 ±10.0	10 ±25	1.0	2.0	65	1.8 // 1.5	S1	2
45M15A	45.000	3 ±7.5	15 ±25	1.0	2.0	60	0.56 // 6.0	S1	2
45M30A	45.000	3 ±15	15 ±50	1.0	3.0	65	1.2 // 1.5	S1	2

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

P/N Example M15AS1-45M000-T&R: Model 45M15A Monolithic Crystal Filter in 7x5x1.4 mm SMD package; Nominal frequency 45.000 MHz; Pass bandwidth ±7.5 kHz; 2 Poles; Tape & Reel package.

OUTLINE DRAWING

