

**MONOLITHIC CRYSTAL FILTER FOR 12.5 kHz CHANNEL SPACING - M12K Series**

**FEATURES**

- Custom Specifications Available
- Excellent Vibration Resistance and Shock Resistance
- Outstanding Temperature Characteristics
- Compact and Lightweight

**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
10M7.5A	10.700	3 ±3.75	20 ±18	0.5	2.0	30	1.5 // 5.0	49/M	2
10M7.5B	10.700	3 ±3.75	40 ±14	1.0	2.5	40	1.5 // 5.0	49/MX2	4
10M7.5C	10.700	3 ±3.75	65 ±12.5	2.0	3.5	65	1.6 // 4.0	C1	6
10M7.5D	10.700	3 ±3.75	90 ±12.5	2.0	4.0	90	1.6 // 4.0	D1	8
21M7.5A	21.400	3 ±3.75	20 ±18	0.5	2.0	20	0.85 // 5	UM1-3	2
21M7.5B	21.400	3 ±3.75	40 ±14	1.0	2.5	40	0.85 // 5	UM1-3x2	4
21M7.5C	21.400	3 ±3.75	60 ±12.5	2.0	3.0	60	0.85 // 5	C2	6
21M7.5D	21.400	3 ±3.75	80 ±12.5	2.0	4.0	90	0.85 // 5	D2	8

**Typical Part Number** M - Pass Bandwidth - Pole (A:2; B:4; C:6; D:8) - Case Style - Frequency - Package Option

**P/N Example** M7.5D-D2-21M400: Model 21M7.5D Monolithic Crystal Filter in D2 Package; Nominal frequency 21.400 MHz; Pass bandwidth ±3.75 kHz; 8 Poles

**OUTLINE DRAWING**

