

**MONOLITHIC CRYSTAL FILTER FOR 20 kHz CHANNEL SPACING - M20K 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
10M12A	10.700	3 ±6.0	18 ±23	0.5	2.0	20	2.5 // 2.5	49/M	2
10M12B	10.700	3 ±6.0	40 ±20	1.0	2.5	40	1.5 // 2.0	49/MX2	4
10M12C	10.700	3 ±6.0	60 ±20	2.0	3.0	65	2.8 // 1.0	C1	6
10M12D	10.700	3 ±6.0	90 ±20	2.0	4.0	90	2.8 // 1.0	D1	8
21M12A	21.400	3 ±6.0	18 ±23	0.5	2.0	20	1.2 // 2.5	UM1-3	2
21M12B	21.400	3 ±6.0	40 ±20	1.0	2.5	40	1.2 // 2.5	UM1-3x2	4
21M12C	21.400	3 ±6.0	60 ±20	2.0	3.0	65	1.2 // 2.5	C2	6
21M12D	21.400	3 ±6.0	80 ±20	2.0	4.0	90	1.2 // 2.5	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** M12B-49/M-10M700: Model 10M12B Monolithic Crystal Filter in 49/M Package;  
Nominal frequency 10.700 MHz; Pass bandwidth ±6 kHz; 4 Poles

**OUTLINE DRAWING**

