

**MONOLITHIC CRYSTAL FILTER FOR 50 kHz CHANNEL SPACING - M50K 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
10M30A	10.700	3 ±15	15 ±50	0.5	1.5	15	3.9 // 0	49/M	2
10M30B	10.700	3 ±15	30 ±40	1.0	2.5	30	5.5 // -1	49/MX2	4
10M30C	10.700	3 ±15	60 ±45	2.0	3.0	60	5.5 // -1	C1	6
10M30D	10.700	3 ±15	90 ±50	2.0	3.5	90	5.5 // -1	D1	8
21M30A	21.400	3 ±15	15 ±50	0.5	1.5	20	3.0 // 0	UM1-3	2
21M30B	21.400	3 ±15	30 ±45	1.0	2.0	40	3.0 // 0	UM1-3x2	4
21M30C	21.400	3 ±15	65 ±50	2.0	2.5	65	2.2 // 0.5	C2	6
21M30D	21.400	3 ±15	90 ±50	2.0	3.5	90	2.2 // 0.5	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** M30B-UM1-3-21M400: Model 21M30B Monolithic Crystal Filter in UM1-3 Package; Nominal frequency 21.400 MHz; Pass bandwidth ±15 kHz; 4 Poles

**OUTLINE DRAWING**

