

# BMF25K SERIES MONOLITHIC CRYSTAL FILTER

For 25.0 kHz Channel Spacing



Features:

- Compact and Lightweight . Custom Specs. Available
- Outstanding Temperature Characteristics
- Excellent Vibration and Shock Resistance
- RoHS Compliant

### ELECTRICAL 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 |
|--------|-------------------------|---------------------------|---------------------------|-------------|---------------------|-----------------------------|-----------------------------------|------------|--------------|
| 10M15A | 10.700                  | 3 ±7.5                    | 18 ±25                    | 0.5         | 2.0                 | 20                          | 3.0 // 2.0                        | 49/M       | 2            |
| 10M15B | 10.700                  | 3 ±7.5                    | 40 ±25                    | 1.0         | 2.5                 | 50                          | 3.0 // 2.0                        | 49/MX2     | 4            |
| 10M15C | 10.700                  | 3 ±7.5                    | 60 ±25                    | 2.0         | 3.0                 | 65                          | 3.0 // 1.5                        | C1         | 6            |
| 10M15D | 10.700                  | 3 ±7.5                    | 90 ±25                    | 2.0         | 4.0                 | 90                          | 3.0 // 1.5                        | D1         | 8            |
| 21M15A | 21.400                  | 3 ±7.5                    | 18 ±25                    | 0.5         | 1.5                 | 20                          | 1.5 // 2.0                        | UM1-3      | 2            |
| 21M15B | 21.400                  | 3 ±7.5                    | 40 ±25                    | 1.0         | 2.0                 | 40                          | 1.5 // 2.0                        | UM1-3x2    | 4            |
| 21M15C | 21.400                  | 3 ±7.5                    | 60 ±25                    | 2.0         | 2.5                 | 65                          | 1.5 // 2.0                        | C2         | 6            |
| 21M15D | 21.400                  | 3 ±7.5                    | 80 ±25                    | 2.0         | 3.0                 | 90                          | 1.5 // 2.0                        | D2         | 8            |

### Part Numbering Guide

| SERIES/Package | Model #           | Frequency         | Tape And Reel Packaging     |
|----------------|-------------------|-------------------|-----------------------------|
| BMF25K         | Choose from above | Specify Frequency | Blank = Bulk Packaging      |
|                |                   |                   | T = Tape and Reel Packaging |
| Example        |                   |                   |                             |
| SERIES/Package | Model #           | Frequency         | Tape and Reel Packaging     |
| BMF25K         | 10M15A            | 10.7MHz           | T                           |

