

MONOLITHIC CRYSTAL FILTER FOR UHF MOBILE RADIOS - MUHF Series

FEATURES

- RoHS Compliant (Pb-Free), Image Frequency (F0 - 910 kHz) can be Attenuated over 70 dB
- Excellent Vibration Resistance and Shock Resistance
- Outstanding Temperature Characteristics
- Compact, Lightweight, Optional Formed Leads for Surface Mounting

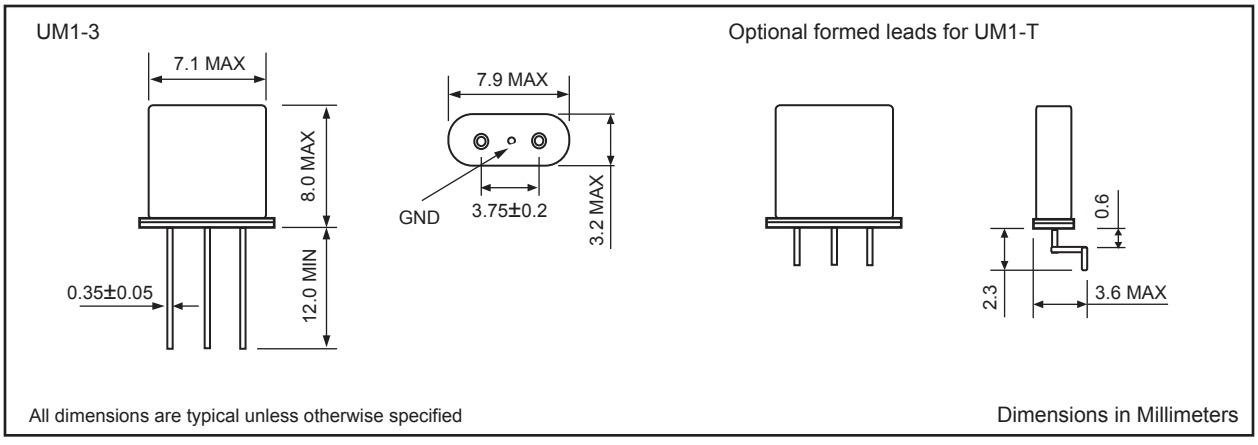
SPECIFICATIONS

Model	Nominal Frequency (MHz)	Pass Bandwidth (dB)	(kHz)	Stop Bandwidth (dB)	(kHz)	Ripple (dB)	Insertion Loss (dB)	Guaranteed Attenuation (dB/kHz)	Terminating Impedance (kOhms//pF)	Case Style	No. of Poles
45M7.5A	45.000	3	±3.75	10	±12.5	1.0	2.0	65 / -910	0.35 // 10.5	UM1-3	2
45M7.5B	45.000	3	±3.75	30	±12.5	1.0	4.0	90 / ±910	0.35 // 6.5	UM1-3X2	4
45M20A	45.000	3	±10	15	±30	0.5	2.0	65 / -910	0.91 // 2.5	UM1-3	2
45M20B	45.000	3	±10	35	±40	1.0	3.0	90 / ±910	0.91 // 2.5	UM1-3X2	4
45M30A	45.000	3	±15	15	±50	1.0	2.0	70 / -910	1.2 // 1.5	UM1-3	2
45M30B	45.000	3	±15	35	±50	1.0	3.0	90 / ±910	1.2 // 0.7	UM1-3x2	4
55M30A	55.000	3	±15	15	±50	1.0	2.0	70 / -910	1.2 // 1.5	UM1-3	2
55M30B	55.000	3	±15	30	±50	1.0	2.0	90 / ±910	1.2 // 0.7	UM1-3x2	4
90M20A	90.000	3	±10	15	±30	1.0	2.5	35 / -910	2.5 // -1.0	UM1-3	2
90M20B	90.000	3	±10	30	±30	1.0	4.0	70 / ±910	2.5 // -1.0	UM1-3x2	4

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

P/N Example M30B-UM1-3-45M000: Model 45M30B Monolithic Crystal Filter in UM1-3 Package; Nominal frequency 45.000 MHz; Pass bandwidth ±15 kHz; 4 Poles

OUTLINE DRAWING



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