

MONOLITHIC CRYSTAL FILTER (UM-1, UM-5)

FEATURES:

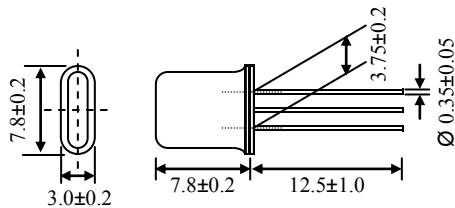
- LOW IMPEDANCE
- COMPACTNESS AND LIGHT WEIGHT
- EXCELLENT DESIGN AGAINST SHOCK/VIBRATION
- OPERATES STABLY EVEN IN WIDE TEMPERATURE RANGE



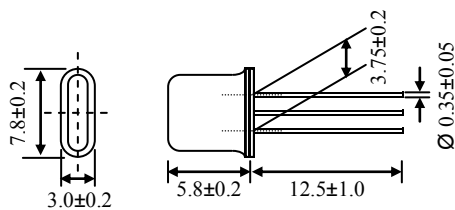
PART NUMBER	NOMINAL FREQUENCY	PASS BANDWIDTH		STOP BANDWIDTH		RIPPLE	INSERTION LOSS	TERMINAL IMPEDANCE	OPERATING TEMP. RANGES
	(MHz)	(dB)	(KHz)	(dB)	(KHz)	(dB)	(dB)	Rt // Ct // Cc (Ω/pF/pF)	(°C)
4 POLE (FUNDAMENTAL: 15.00MHz ~ 45.00MHz) - Please contact Sales Associate for custom/higher frequency.									
21407B	21.400	3	± 3.75	40	± 14.00	1.0	2.0	850 // 5.0 // 16.0	-20 ~ +70
21408B	21.400	3	± 4.00	40	± 16.00	1.0	2.0	1000 // 4.0 // 13.5	-20 ~ +70
21412B	21.400	3	± 6.00	40	± 20.00	1.0	2.0	1200 // 2.5 // 10.5	-20 ~ +70
21415B	21.400	3	± 7.50	40	± 25.00	1.0	2.0	1500 // 2.0 // 8.0	-20 ~ +70
21430B	21.400	3	± 15.00	40	± 50.00	1.0	2.0	3300 // 0.5 // 3.0	-20 ~ +70
21607B	21.600	3	± 3.75	40	± 14.00	1.0	2.0	850 // 5.0 // 16.0	-20 ~ +70
21612B	21.600	3	± 6.00	40	± 20.00	1.0	2.0	1200 // 2.5 // 10.5	-20 ~ +70
21615B	21.600	3	± 7.50	40	± 25.00	1.0	2.0	1500 // 2.0 // 8.0	-20 ~ +70
21707B	21.700	3	± 3.75	40	± 14.00	1.0	2.0	850 // 5.0 // 16.0	-20 ~ +70
21712B	21.700	3	± 6.00	40	± 20.00	1.0	2.0	1200 // 2.5 // 10.5	-20 ~ +70
21715B	21.700	3	± 7.50	40	± 25.00	1.0	2.0	1500 // 2.0 // 8.0	-20 ~ +70
21730B	21.700	3	± 15.00	40	± 50.00	1.0	2.0	3300 // 0.5 // 3.0	-20 ~ +70
30815B	30.875	3	± 7.50	40	± 25.00	1.0	2.5	800 // 4.0 // 12.0	-20 ~ +70
45015B	45.000	3	± 7.5	40	± 25.00	1.0	2.5	650 // 3.0 // 10.0	-20 ~ +70
45030B	45.000	3	± 15.00	30	± 40.00	1.0	2.5	800 // 1.5 // 7.0	-20 ~ +70
45N15B	45.000	3	± 7.5	18	± 28.00	1.0	2.0	650 // 3.0	-20 ~ +70

■ PACKAGE DIMENSIONS

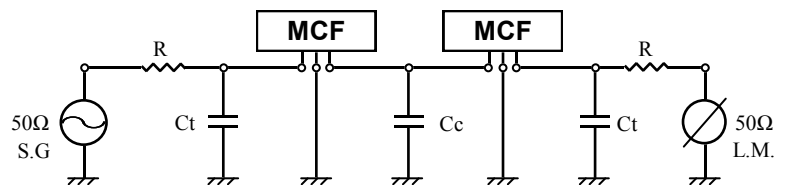
UM-1



UM-5



■ TEST CIRCUIT



$R = R_t - 50 \Omega$
 $R.Ct$: Terminal Impedance
 Cc : Combined Capacitance

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