

■ 70.000MHz モノリシック・クリスタルフィルター

・中心周波数 : 70.000MHz (3rd OverTone)

型番 Type	中心 周波数 Center Frequency (MHz)	次数 Pole	通過帯域幅 Pass Band Width (Min.)		減衰帯域幅 Attenuation Band (Max.)		リップル Ripple (Max.) (dB)	ロス Loss (Max.) (dB)	保証減衰量 Atenuation Guaranteed		終端 インピーダンス Teminal Impedance (Ω // pF) (pF) *1	動作 温度範囲 Operating Temperature °C	パッケージ Package
			(dB)	(kHz)	(dB)	(kHz)			(dB) (Min.)	(Fo \pm kHz)			
70M7.5A	70.000	2	3	± 3.75	10	± 12.5	1.0	2.0	35 35	+500 \sim +1000 -200 \sim -1000	2000//0	-20 \sim +70	UM *
70M7.5B	70.000	4	3	± 3.75	30	± 12.5	1.0	4.0	70 75	+500 \sim +1000 -200 \sim -1000	1800//0 (0.5)	-20 \sim +70	UM *
70M12A	70.000	2	3	± 6	15	± 25	1.0	2.0	35 35	+500 \sim +1000 -200 \sim -1000	2000// -0.4	-20 \sim +70	UM *
70M12B	70.000	4	3	± 6	30	± 25	1.0	3.0	70 75	+500 \sim +1000 -200 \sim -1000	2000// -0.2 (0)	-20 \sim +70	UM *
70M15A	70.000	2	3	± 7.5	15	± 30	1.0	2.0	35 35	+500 \sim +1000 -200 \sim -1000	2000// -0.9	-20 \sim +70	UM *
70M15B	70.000	4	3	± 7.5	25	± 25	1.0	3.0	70 75	+500 \sim +1000 -200 \sim -1000	2000// -0.4 (-0.5)	-20 \sim +70	UM *
70M20A	70.000	2	3	± 10	15	± 40	1.0	2.0	35 35	+500 \sim +1000 -200 \sim -1000	2500// -1	-20 \sim +70	UM *
70M20B	70.000	4	3	± 10	35	± 40	1.0	3.0	70 75	+500 \sim +1000 -200 \sim -1000	2500// -0.8 (-0.1)	-20 \sim +70	UM *
70M30A	70.000	2	3	± 15	15	± 60	1.0	2.0	35 35	+500 \sim +1000 -200 \sim -1000	4000// -0.7	-20 \sim +70	UM *
70M30B	70.000	4	3	± 15	30	± 60	1.0	3.0	70 75	+500 \sim +1000 -200 \sim -1000	4000// -0.8 (-1.1)	-20 \sim +70	UM *

*1: 下段は結合容量 (Coupling Capacitance)

■ 90.000MHz モノリシック・クリスタルフィルター

・中心周波数 : 90.000MHz (3rd OverTone)

型番 Type	中心 周波数 Center Frequency (MHz)	次数 Pole	通過帯域幅 Pass Band Width (Min.)		減衰帯域幅 Attenuation Band (Max.)		リップル Ripple (Max.) (dB)	ロス Loss (Max.) (dB)	保証減衰量 Atenuation Guaranteed		終端 インピーダンス Teminal Impedance (Ω // pF) (pF) *1	動作 温度範囲 Operating Temperature °C	パッケージ Package
			(dB)	(kHz)	(dB)	(kHz)			(dB) (Min.)	(Fo \pm kHz)			
90M7.5A	90.000	2	3	± 3.75	10	± 12.5	1.0	2.0	35 35	+500 \sim +1000 -200 \sim -1000	2000//0.3	-20 \sim +70	UM *
90M7.5B	90.000	4	3	± 3.75	30	± 12.5	1.0	4.0	70 75	+500 \sim +1000 -200 \sim -1000	1200//0.1 (0.7)	-20 \sim +70	UM *
90M12A	90.000	2	3	± 6	15	± 25	1.0	2.0	35 35	+500 \sim +1000 -200 \sim -1000	2000//0	-20 \sim +70	UM *
90M12B	90.000	4	3	± 6	30	± 25	1.0	3.0	70 75	+500 \sim +1000 -200 \sim -1000	1800// -0.3 (-0.2)	-20 \sim +70	UM *
90M15A	90.000	2	3	± 7.5	15	± 30	1.0	2.0	35 35	+500 \sim +1000 -200 \sim -1000	2000// -0.1	-20 \sim +70	UM *
90M15B	90.000	4	3	± 7.5	25	± 25	1.0	3.0	70 75	+500 \sim +1000 -200 \sim -1000	2000// -0.5 (-0.5)	-20 \sim +70	UM *
90M20A	90.000	2	3	± 10	15	± 40	1.0	2.0	35 35	+500 \sim +1000 -200 \sim -1000	2500// -0.4	-20 \sim +70	UM *
90M20B	90.000	4	3	± 10	35	± 40	1.0	3.0	70 75	+500 \sim +1000 -200 \sim -1000	2500// -0.6 (-0.8)	-20 \sim +70	UM *
90M30A	90.000	2	3	± 15	15	± 60	1.0	2.0	35 35	+500 \sim +1000 -200 \sim -1000	4000// -0.7	-20 \sim +70	UM *
90M30B	90.000	4	3	± 15	30	± 60	1.0	3.0	70 75	+500 \sim +1000 -200 \sim -1000	4000// -0.7 (-1.3)	-20 \sim +70	UM *

*1: 下段は結合容量 (Coupling Capacitance)

(外形寸法図は次頁)

■ UMタイプ 外形図 (寸法単位:m/m)

<p>＜UM-1-3＞</p>	<p>＜UM-1-3-Slim＞</p>
<p>Technical drawing of UM-1-3 component. Side view shows a height of 8.0 max and a total length of 20±0.2. The top diameter is 2.2±0.2 and the wire diameter is φ0.35±0.05. The top view shows a width of 8.0 max, a distance of 3.75±0.25 between IN/OUT terminals, and a distance of 3.0±0.2 from the Case Ground to the IN/OUT terminals.</p>	<p>Technical drawing of UM-1-3-Slim component. Side view shows a height of 8.0 max and a total length of 20±0.2. The top diameter is 1.8±0.2 and the wire diameter is φ0.35±0.05. The top view shows a width of 8.0 max, a distance of 3.75±0.25 between IN/OUT terminals, and a distance of 2.5±0.2 from the Case Ground to the IN/OUT terminals.</p>
<p>＜UM-5-3＞</p>	<p>＜UM-5-3-Slim＞</p>
<p>Technical drawing of UM-5-3 component. Side view shows a height of 6.0max and a total length of 20±0.2. The top diameter is 2.2±0.2 and the wire diameter is φ0.35±0.05. The top view shows a width of 8.0 max, a distance of 3.75±0.25 between IN/OUT terminals, and a distance of 3.0±0.2 from the Case Ground to the IN/OUT terminals.</p>	<p>Technical drawing of UM-5-3-Slim component. Side view shows a height of 6.0max and a total length of 20±0.2. The top diameter is 1.8±0.2 and the wire diameter is φ0.35±0.05. The top view shows a width of 8.0 max, a distance of 3.75±0.25 between IN/OUT terminals, and a distance of 2.5±0.2 from the Case Ground to the IN/OUT terminals.</p>
<p>＜UM-4-3＞</p>	<p>＜UM-4-3 Slim＞</p>
<p>Technical drawing of UM-4-3 component. Side view shows a height of 4.5 max and a total length of 20±0.2. The top diameter is 2.2±0.2 and the wire diameter is φ0.35±0.05. The top view shows a width of 8.0 max, a distance of 3.75±0.25 between IN/OUT terminals, and a distance of 3.0±0.2 from the Case Ground to the IN/OUT terminals.</p>	<p>Technical drawing of UM-4-3 Slim component. Side view shows a height of 4.5 max and a total length of 20±0.2. The top diameter is 1.8±0.2 and the wire diameter is φ0.35±0.05. The top view shows a width of 8.0 max, a distance of 3.75±0.25 between IN/OUT terminals, and a distance of 2.5±0.2 from the Case Ground to the IN/OUT terminals.</p>