



55MHz 3rd Overtone

Model Number	Centre Frequency (MHz)	Number of Poles	Pass Band dB @ kHz	Attenuation Band dB @ kHz	In-Band Ripple (dB)	Insertion Loss (dB)	Guaranteed Attenuation (dB @ kHz)	Termination (Ω // pF)	Package Style
55G12B	55.025	4	3 \pm 6.0	40 \pm 40.0	1.5	4.0	70 +500 ~ +1000 70 -200 ~ -1000	3000 // -1.0 ($C_c=4.0\text{pF}$)	UM-1/3Lx2
55G20B	55.025	4	3 \pm 10.0	35 \pm 40.0	1.5	3.0	70 +500 ~ +1000 70 -200 ~ -1000	5000 // -1.0 ($C_c=4.0\text{pF}$)	UM-1/3Lx2
58G15B	58.1125	4	3 \pm 7.5	40 \pm 40.0	2.0	6.0	70 +500 ~ +1000 70 -200 ~ -1000	3000 // -1.0 ($C_c=4.0\text{pF}$)	UM-1/3Lx2
58G20B	58.1125	4	3 \pm 10.0	25 \pm 50.0	1.5	4.5	70 +500 ~ +1000 70 -200 ~ -1000	5000 // -1.0 ($C_c=1.0\text{pF}$)	UM-1/3Lx2

70MHz 3rd Overtone

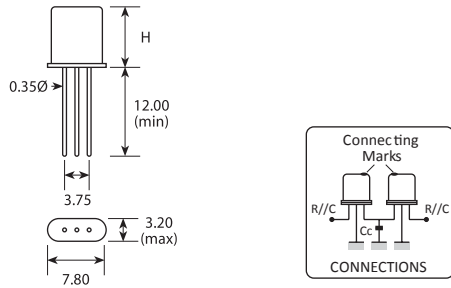
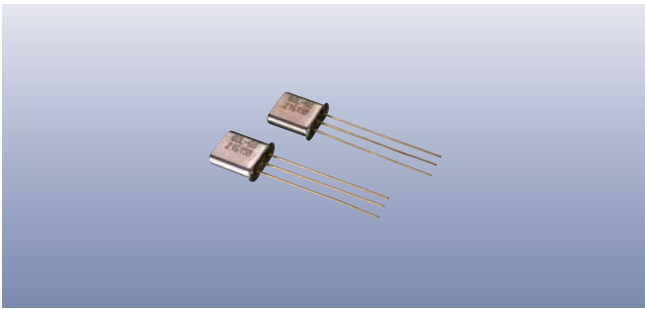
Model Number	Centre Frequency (MHz)	Number of Poles	Pass Band dB @ kHz	Attenuation Band dB @ kHz	In-Band Ripple (dB)	Insertion Loss (dB)	Guaranteed Attenuation (dB @ kHz)	Termination (Ω // pF)	Package Style
70G15A	70.000	2	3 \pm 7.5	15 \pm 30.0	1.0	2.0	35 +500 ~ +1000 35 -200 ~ -1000	2000 // -1.0	UM-1/3L
70G15B	70.000	4	3 \pm 7.5	25 \pm 25.0	1.0	3.0	70 +500 ~ +1000 70 -200 ~ -1000	2000 // -1.0 ($C_c=1.0\text{pF}$)	UM-1/3Lx2
70G20A	70.000	2	3 \pm 10.0	15 \pm 40.0	1.0	2.0	35 +500 ~ +1000 35 -200 ~ -1000	2500 // -1.0	UM-1/3L
70G20B	70.000	4	3 \pm 10.0	35 \pm 40.0	1.0	3.0	70 +500 ~ +1000 70 -200 ~ -1000	2500 // -1.0 ($C_c=1.0\text{pF}$)	UM-1/3Lx2
70G30A	70.000	2	3 \pm 15.0	15 \pm 50.0	1.0	2.0	35 +500 ~ +1000 35 -300 ~ -1000	4000 // -1.0	UM-1/3L
70G30B	70.000	4	3 \pm 15.0	30 \pm 50.0	1.0	3.0	70 +500 ~ +1000 70 -300 ~ -1000	4000 // -1.0 ($C_c=1.0\text{pF}$)	UM-1/3Lx2

90MHz 3rd Overtone

Model Number	Centre Frequency (MHz)	Number of Poles	Pass Band dB @ kHz	Attenuation Band dB @ kHz	In-Band Ripple (dB)	Insertion Loss (dB)	Guaranteed Attenuation (dB @ kHz)	Termination (Ω // pF)	Package Style
90G15A	90.000	2	3 \pm 7.5	15 \pm 30.0	1.0	2.0	35 +500 ~ +1000 35 -200 ~ -1000	1400 // 0	UM-1/3L
90G15B	90.000	4	3 \pm 7.5	25 \pm 25.0	1.0	3.5	70 +500 ~ +1000 70 -200 ~ -1000	1400 // 0 ($C_c=0\text{pF}$)	UM-1/3Lx2
90G20A	90.000	2	3 \pm 10.0	15 \pm 40.0	1.0	2.0	35 +500 ~ +1000 35 -200 ~ -1000	1500 // -1.0	UM-1/3L
90G20B	90.000	4	3 \pm 10.0	35 \pm 40.0	1.0	3.0	70 +500 ~ +1000 70 -200 ~ -1000	1500 // -1.0 ($C_c=1.0\text{pF}$)	UM-1/3Lx2
90G30A	90.000	2	3 \pm 15.0	15 \pm 50.0	1.0	2.0	35 +500 ~ +1000 35 -300 ~ -1000	4000 // -1.0	UM-1/3L
90G30B	90.000	4	3 \pm 15.0	25 \pm 50.0	1.0	3.0	70 +500 ~ +1000 70 -300 ~ -1000	4000 // -1.0 ($C_c=1.0\text{pF}$)	UM-1/3Lx2

- ◆ Operating temperature range of -20 to +70°C.
- ◆ Most UM-1 models also available in UM-5
- ◆ Formed leads and jacket SM option for UM-1 & UM-5

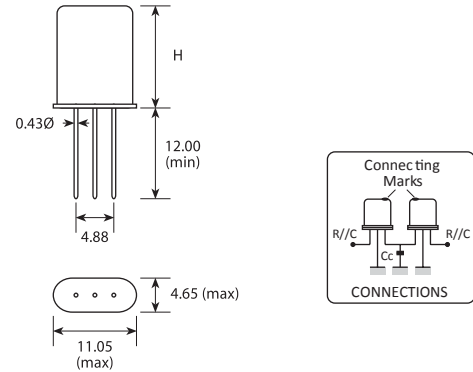
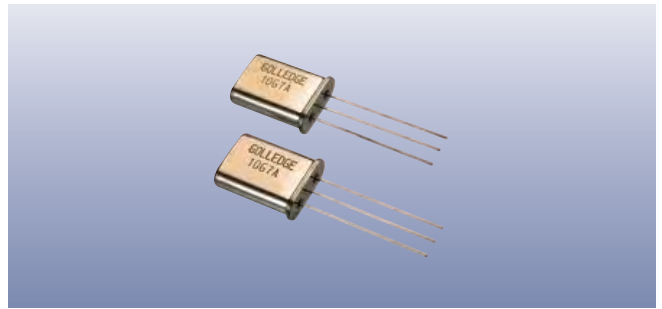
UM-1/3L & UM-5/3L



Package	Height H
UM-1/3L	8.00 max
UM-5/3L	6.00 max

UM-1/3Lx2 is a pair of UM-1/3Ls connected as shown.

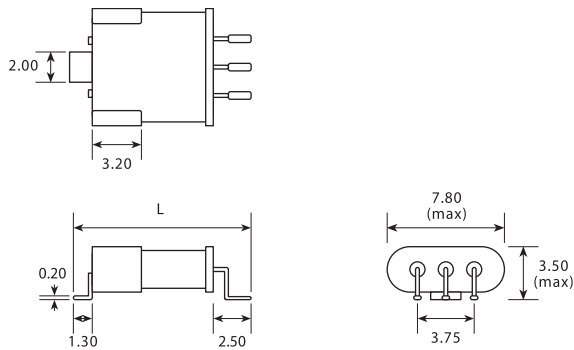
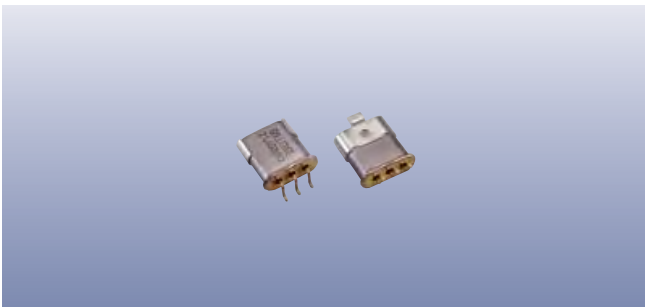
HC49/3L & HC49T/3L



Package	Height H
HC49	13.46 max
HC49T	11.70 max

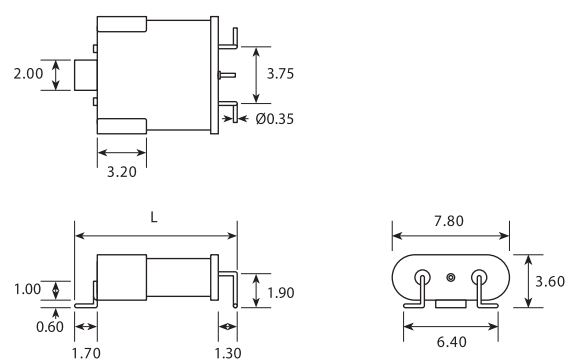
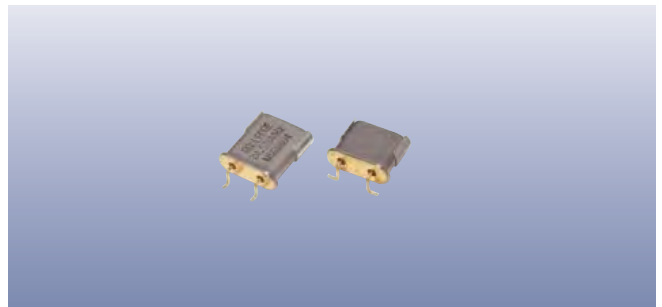
HC49/3Lx2 is a pair of HC49/3Ls connected as shown.

UM-1JN/3L & UM-5JN/3L



Package	Length L
UM-1JN/3L	12.50 max
UM-5JN/3L	10.50 max

UM-1JC/3L & UM-5JC/3L



Package	Length L
UM-1JC/3L	11.10 max
UM-5JC/3L	9.00 max