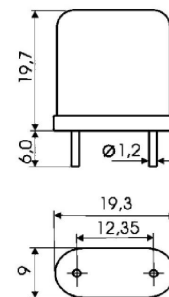
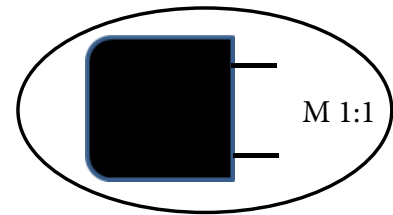


*Electrical Performance*

Parameter	Units	Value
Frequency range (Operating mode): - Fundamental - 3 - 5	MHz	8...20 18...50 50...100
Frequency tolerance: 8-20 MHz 18-20 MHz 20-45 MHz 45-50 MHz 50-100 MHz	ppm	±10 (class 5) for an interval I ±15 (class 6); ±20 (class 7); ±30 (class 8); ±50 (class 9); ±75 (class 10); ±100 (class 11) - for an interval L*, M, A, B, V, D, E
Series resistance:		
8-20 MHz	Om	20
18-20 MHz	Om	70
20-45 MHz	Om	70
45-50 MHz	Om	90
50-100 MHz	Om	100


 Metal package (HC-36/U)  
nitrogen filling

*Frequency Stability (Over Operating Temperature range)*

Temperature range, °C (code)	Frequency range, MHz	Stability, ppm (code)									
		(N) ±15	(P) ±20	(R) ±25	(S) ±30	(F) ±35	(T) ±40	(U) ±50	(Q) ±75	(H) ±100	(Z) ±150
+15...+45 (L*)	8...100		+								
0...+50 (M)			+								
-10...+60 (A)		+	+	+	+	+	+	+			
-30...+60 (B)					+	+	+	+	+	+	
-40...+70 (V)					+	+	+	+	+	+	
-60...+85 (D)							+	+	+	+	+
-60...+100 (E)								+	+	+	+

*Environmental*

- Vibrations 10...2000 Hz, 10g
  - Mechanical shock of single action 500g,
  - Mechanical shock of repeated action 150g
  - Linear acceleration 50g
- Frequency stability versus influence in limiting modes ≤±30.0ppm

*Long Term Frequency Stability*

- Frequency stability after:
- 0 000 hrs of continuous operation ±40.0ppm;
  - 5 years of storage ≤±40.0ppm
  - first year ≤±20.0ppm

Resonator RK171 Ab - 8000K

