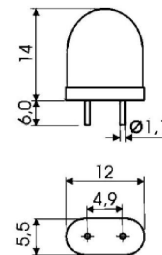
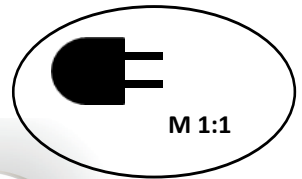


Electrical Performance

Parameter	Units	Value
Frequency range (Operating mode):		
- Fundamental	MHz	5...34
- 3	MHz	20.5...60
- 5	MHz	60...150
- 7	MHz	150...230
Frequency tolerance:		
5-30 MHz	ppm	±5 (4); ±10 (5); ±15 (6);
30-100 MHz		±10 (5); ±15 (6); ±20 (7);
100-230 MHz		±15 (6); ±20 (7); ±30 (8)
Series resistance:		
from 5 to 6 MHz	Om	40
ov. 6 to 7 MHz	Om	35
from 7 to 9 MHz	Om	25
ov. 9 to 30 MHz	Om	20
ov. 30 to 34 MHz	Om	20
ov. 20.5 to 60 MHz	Om	40
ov. 60 to 90 MHz	Om	60
ov. 90 to 100 MHz	Om	65
ov. 100 to 150 MHz	Om	120
ov. 150 to 230 MHz	Om	180



High-vacuum glass package (HC-29/U)

Frequency Stability (Over Operating Temperature range)

Temperature range, °C (code)	Stability, ppm (code)										
	Frequency range, MHz	(I) ±3	(K) ±5	(L) ±7.5	(M) ±10	(N) ±15	(P) ±20	(R) ±25	(S) ±30	(T) ±40	(U) ±50
+15...+45 (L*)	5...100	+	+	+	+	+	+				
0...+50 (M)		+	+	+	+	+	+				
-10...+60 (A)		+	+	+	+	+	+				
-25...+55 (R)					+	+	+	+	+	+	
-30...+60(B)					+	+	+	+	+	+	
-40...+70 (V)						+	+	+	+	+	+
-60...+85 (D)	100...230							+	+	+	+
+15...+45 (L*)								+			
0...+50 (M)								+			
-10...+60 (A)								+	+	+	
-40...+70 (V)									+	+	+
-60...+85 (D)										+	+

Environmental

- Vibrations 1...500 Hz, 10g
 - Mechanical shock of single action 50g, of repeated action 40g
 - Linear acceleration 100g
- Frequency stability after influence in limiting modes ≤10.0ppm

Long Term Frequency Stability

Frequency stability after:
 50000 hrs of continuous operation ≤10.0ppm;
 25 years of storage ≤10.0ppm

Rezonator RK100 - 5 AM - 10000K
