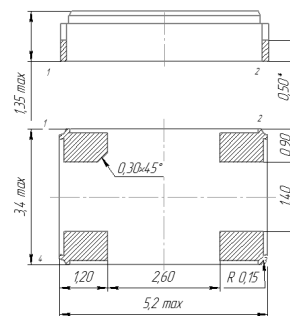
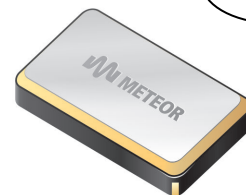
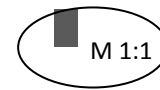


**Electrical Performance**

Parameter	Units	Value
Frequency range: Up=3.3V, Lc=15 pF	MHz	1 to 200
Up=3.3V, Lc=15 pF		1 to 166
Up=3.3V, Lc=15 pF		1 to 80
Up=3.3V, Lc=15 pF		1 to 70
Up=3.3V, Lc=15 pF		1 to 110
Output waveform (code)		CMOS (K)
Frequency tolerance (code)	ppm	±10 (5) ±15 (6) ±20 (7)
Temperature range	°C (code)	-10 ... 60 (A) -40 ... 85 (C) -60 ... 85 (D)
Frequency stability:	ppm	±20(P);±30(C);±40(T);±50(U);±100(H) ±30(C);±40(T);±50(U);±100(H) ±40(T);±50(U);±100(H)
-10 ...60 °C		
-40 ... 85 °C		
-60 ...85 °C		
Output Level:		
- Duty Cycle	%	45 ... 55
- Output voltage	V	0.1Up max
- '0' level	V	0.9Up max
- '1' level	V	0.9Up max
Supply voltage (Up)	V	1.8±10%; 2.5±10%;3.3±10%
Supply Current	mA	32 max
Stability:		
- Power Supply, ±10% change - Load :	ppm	±2.0
- 15 to 30 pF	ppm	±2.0
- 10 to 15 pF	ppm	±2.0



Ceramic package with metal lid

Plating: Ni+Au(0,3...1 µm)

**Pinout**

1	Control Voltage
2	Ground
3	Output
4	Supply Voltage

**Environmental**
**Shock:**

test Ea. 1500 gn acceleration for 0.1-0.2 ms duration, half sine pulse, 2 shocks in each direction along three mutually perpendicular axes at octave per minute

**Vibration:**

test Fc. 50Hz 2.0 mm displacement, 1-500 Hz at 10 gn, 8 hours in each of three mutually perpendicular axes at 1 octave per minute

**Storage temperature:**

-60°C to 85°C

**Long Term Frequency Stability**

- ±25 ppm max for 25 years
- ±20 ppm max in 1st year.

**Ordering Information**
**PCXO GK326-S - CG1- 40M-3.3**
