

MV-CT32K-CYL82 is a Crystal (XTAL) . This Crystal is a 32.768 kHz Tuning Fork resonator and comes in a Cylindrical Cylindricalmm package.

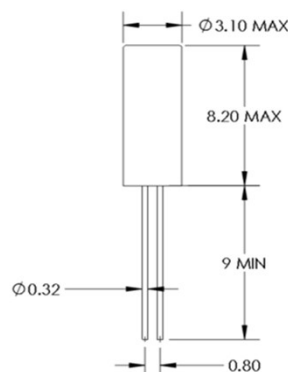
The device is qualified to meet the JEDEC standard for Pb-Free assembly and compliant to the RoHS directive.

Electrical Performance

Parameter	Min	Typ	Max	Units
General				
Output Frequency		32.768		kHz
Mode		Tuning Fork		
Operating Temperature		-10/+70		°C
Storage Temperature	-10/+70 °C	Storage Temperature		°C
Stability Over Temperature		±100		ppm
Frequency Tolerance (25°C ±3°C)		±20		ppm
Aging			±3	ppm/year
Drive Level			1	µW
Package Size		Cylinder, (8.2mm) Through Hole		
Equivalent Circuit				
Load Capacitance (CL)		6 to 32		pF
Shunt Capacitance (C0)		0.9 ~ 2.0		pF
Motional Capacitance (C1)		1.8 ~ 4.2		fF
Equivalent Series Resistance (ESR)			50	KΩ

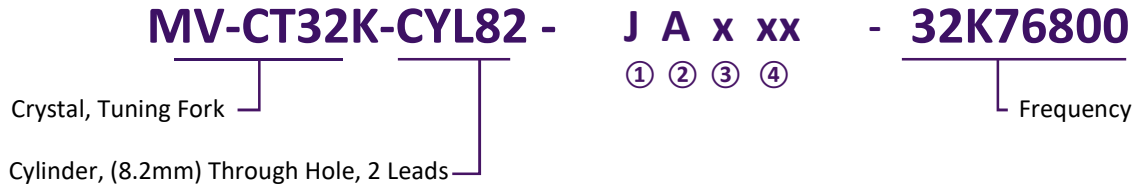
Package Information

Pin #	Function
Pin 1	Crystal Terminal
Pin 2	Crystal Terminal



Package
Outline
Drawing

Ordering Information



① Temp Range
J: -10/+70 °C

② Freq Tolerance
A: ±100 ppm

③ Initial Tolerance
F: ±20 ppm

④ Load Capacitance
F0: 6.0 pF
G0: 7.0 pF
J0: 9.0 pF
M5: 12.5 pF
XX: Other (CL) Ordering Codes

Ordering Option Notes:

- 1 For XX: Other Load Capacitance ordering codes (<http://datasheets.mv-electronics.com/XTAL-LoadCap.pdf>)