

QETF26

Tuning Fork Quartz Crystal – 2x6 mm cylinder type
Specification (Rev-D)

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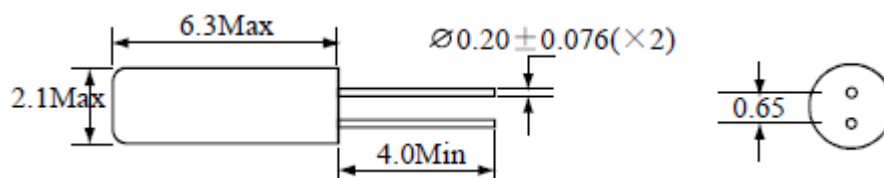
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November 28th, 2013

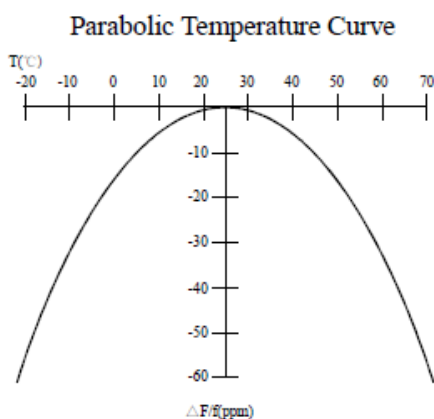
Electrical Characteristics

Electrical Parameters	Unit	Minimum	Typical	Maximum	Test conditions
Frequency Range	kHz		32.768		
Operating Temperature Range	°C	-10		60	
Storage Temperature Range	°C	-55		125	
Frequency Tolerance	ppm			± 20	Ref at 25°C
Frequency Stability	ppm	-0.042 x (Δ °C) ² Max			Turn over temp. at 25°C ± 3°C
Aging (First Year)	ppm			± 5	Ref at 25°C
Load Capacitance (C _L)	pF	12.5			
Shunt Capacitance (C ₀)	pF		0.85		
Motional Capacitance (C ₁)	fF		2.0		
Series Resistance (ESR)	KΩ			50	
Drive Level	μW			1.0	
Insulation Resistance	MΩ	500			At 100V _{DC}

Mechanical Characteristics



Frequency vs Temperature Curve



Frequency Tolerance ± 20 ppm	
Part Number	Load Capacitance
104203	12.5pF

Mounting: do not directly solder the metal can; crystal may be overheated by the direct heat flow

Packing Unit: 1000pcs/bag