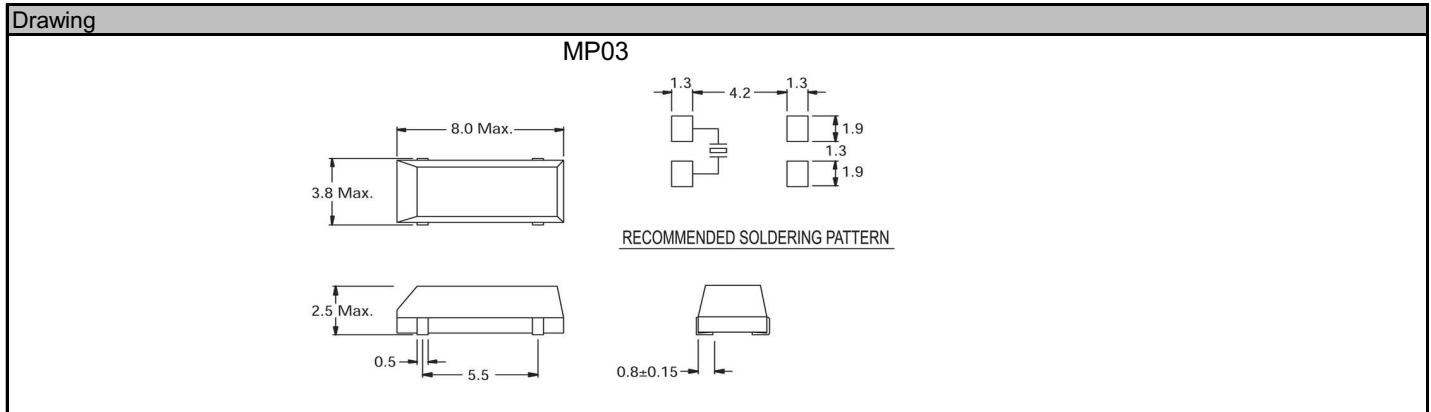


MP03

Features:

- Surface mount
- High performance/cost ratio
- Excellent vibration & shock resistance

Specifications				
		Symbol	MP03	Remarks
Frequency range		f	32.768kHz	Standard
Frequency tolerance, Ta=25°C		f/f	± 20ppm ~ ± 50ppm	Others are offered
Load capacitance		C _L	6pF ~ 12.5pF (Std.)	Please specify
Temp. coefficient		A	-0.04 x 10 ⁻⁶ / °C ²	Max
Temperature range	Storage temp.	T _{STG}	-55°C ~ +125°C	
	Operating temp.	T _{OPR}	-40°C ~ +85°C	Others are offered
Drive level	Maximum drive level	M _{DL}	1 W	Standard
	Recommended drive level	R _{DL}	-	
Series resistance		R ₁	50k Ohm	Max (25°C)
Shunt capacitance		C ₀	1.3pF ~ 2pF	
Insulation resistance		I _R	500M Ohm	Min
Aging		f _A	± 5ppm/Year typ	± 5ppm/Year max
Shock resistance		SR	± 10ppm	Max



Order key						
Part	Frequency	Package	Frequency tolerance	Temperature range	Load capacitance	Option
Q	- 32.768000k	- MP03	- 50	- E	- 12.5	- TR
Q=Quartz	k=kHz	MP03	+/-ppm (25°C)	A= 0°C ~ 70°C B=-10°C ~ 60°C C=-10°C ~ 70°C D=-20°C ~ 70°C E=-40°C ~ 85°C	pF SR=series	TR=Tape and reel X=Special options

Remarks: All specifications subject to change without notice!