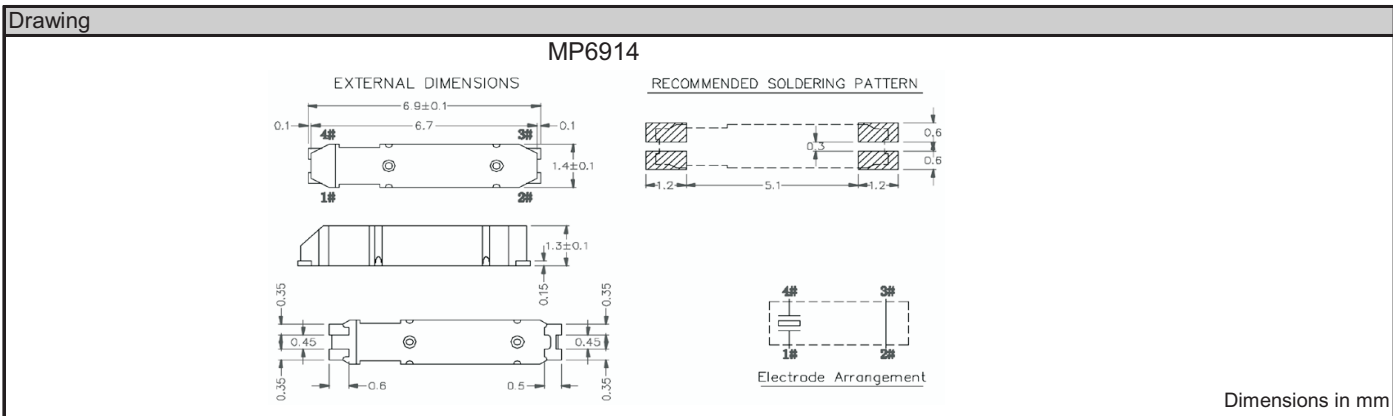


MP6914

Features:

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

Specifications			
	Symbol	MP6914	Remarks
Frequency range	f	32.768kHz	Standard
Frequency tolerance, Ta=25°C	$\Delta f/f$	$\pm 20\text{ppm} \sim \pm 50\text{ppm (std.)}$	Others are offered
Load capacitance	C_L	12.5pF (Std.)	Please specify
Temp.coefficient	A	$-0.04 \times 10^{-6}/\text{C}^2$	Max
Temperature range	Storage temp.	T_{STG}	$-55^\circ\text{C} \sim +125^\circ\text{C}$
	Operating temp.	T_{OPR}	$-10^\circ\text{C} \sim +60^\circ\text{C}$
Drive level	Maximum drive level	M_{DL}	1 μ W
	Recommended drive level	R_{DL}	-
Series resistance	R_1	70k Ohm	Max (25°C $\pm 3^\circ\text{C}$)
Shunt capacitance	C_0	1.3pF \sim 2pF	
Insulation resistance	I_R	500M Ohm	Min
Aging	Δf_A	$\pm 5\text{ppm/Year typ}$	



Order key						
Part	Frequency	Package	Frequency tolerance	Temperature range	Load capacitance	Option
Q	- 32.768000k	- MP6914	- 50	- B	- 12.5	- TR
Q=Quartz	k=kHz	MP6914	$\pm\text{ppm}$ (25°C)	A= $0^\circ\text{C} \sim +70^\circ\text{C}$ B= $-10^\circ\text{C} \sim +60^\circ\text{C}$ C= $-10^\circ\text{C} \sim +70^\circ\text{C}$ D= $-20^\circ\text{C} \sim +70^\circ\text{C}$ E= $-40^\circ\text{C} \sim +85^\circ\text{C}$	pF SR=series	TR=Tape and reel X=Special options