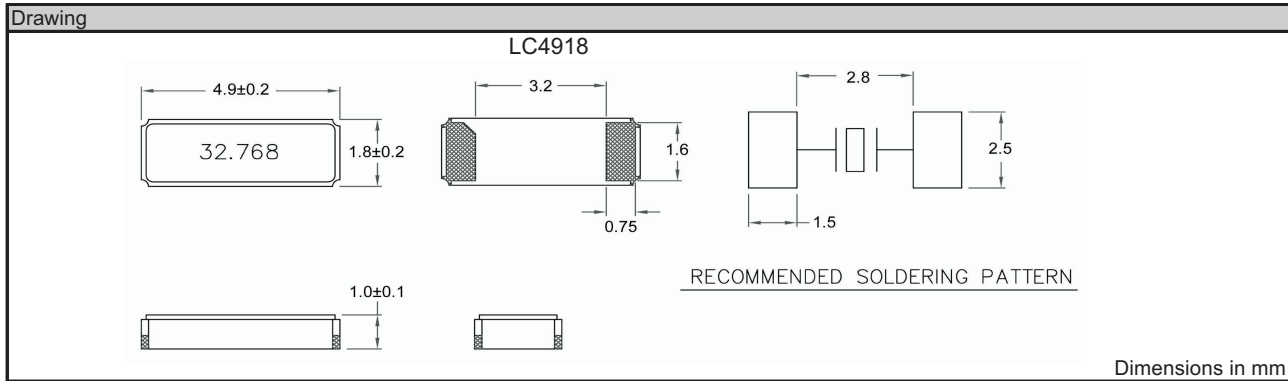


# LC4918

Features:

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

Specifications				
		Symbol	LC4918	Remarks
Frequency range		f	32.768kHz	Standard
Frequency tolerance, Ta=25°C		Δf/f	±20ppm ~ ±50ppm (Std.)	Others are offered
Load capacitance		C <sub>L</sub>	12.5pF	Please specify
Temp.coefficient		A	-0.034 ±0,006ppm/°C <sup>2</sup>	
Temperature range	Storage temp.	T <sub>STG</sub>	-55°C ~ +125°C	
	Operating temp.	T <sub>OPR</sub>	-40°C ~ +85°C	Others are offered
Drive level		DL	1μW	Standard
Series resistance		R <sub>1</sub>	70k Ohm	Max (25°C ±3°C )
Shunt capacitance		C <sub>0</sub>	1.2pF	Typ.
Insulation resistance		I <sub>R</sub>	500M Ohm	Min
Aging		Δf <sub>A</sub>	±5ppm/Year	Max



**Order key**

Q	- 32.768000k	- LC4918	- 50	- B	- 12.5	- TR
Part	Frequency	Package	Frequency tolerance	Temperature range	Load capacitance	Option
Q=Quartz	k=kHz	LC4918	±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