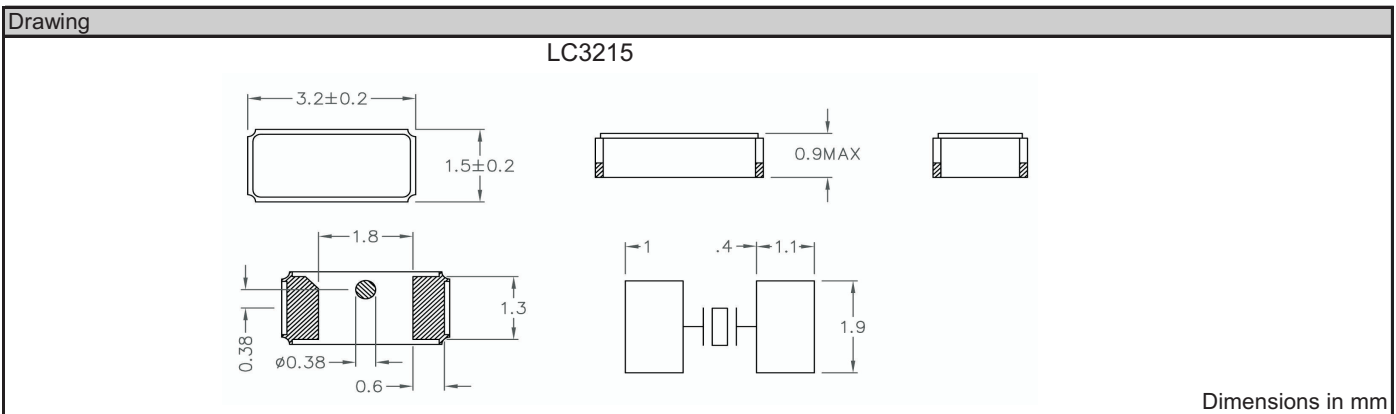


LC3215

Features:

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

Specifications				
		Symbol	LC3215	Remarks
Frequency range		f	32.768kHz	Standard
Frequency tolerance, Ta=25°C		$\Delta f/f$	± 20 ppm	Others are offered
Load capacitance		C_L	12.5 pF	
Temp.coefficient		A	$-0.034 \pm 0.006 \text{ ppm}/^\circ\text{C}^2$	Max
Temperature range	Storage temp.	T_{STG}	-55°C to $+125^\circ\text{C}$	
	Operating temp.	T_{OPR}	-40°C to $+85^\circ\text{C}$	Others are offered
Drive level		DL	1 μ W	
Series resistance		R_1	70K Ohm	$25^\circ\text{C} \pm 3^\circ\text{C}$
Insulation resistance		I_R	500M Ω	Min
Aging		Δf_A	± 5 ppm/year	Max



Order key						
Q	- 32.768000k	- LC3215	- 20	- B	- 12.5	- TR
Part	Frequency	Package	Frequency tolerance	Temperature range	Load capacitance	Option
Q=Quartz	k=kHz	LC3215	\pm 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