

Crystal Units

Surface Mount Type: Tuning Fork ST3215SB



3.2×1.5mm for Consumer/ Mobile Equipment



Pb Free

RoHS Compliant

Features

- Small, Low Profile
- Ceramic Package
- Pb Free
- Reflow Compatible

Applications

- Consumer/ Mobile Equipment

How to Order

ST3215SB 32768 □ □ □ □ □ □ □

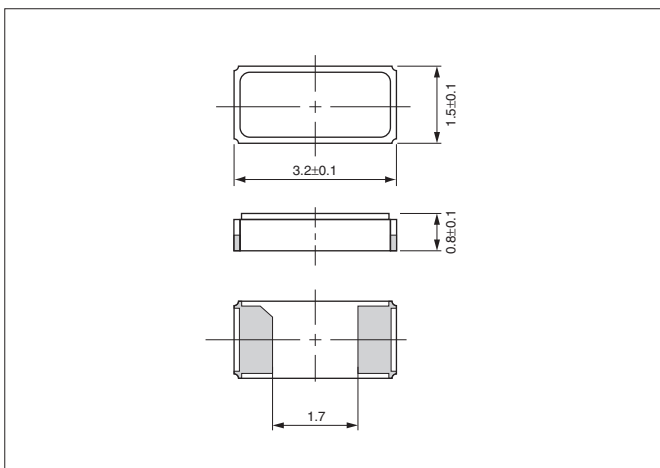
- ① Series ② Frequency 32.768kHz
③ Load Capacitance ④ Frequency Stability
H5 12.5 pF H $\pm 20 \times 10^{-6}$
⑤ Operating Temp. Range ⑥ Frequency Temp. Stability
P -40 to +85°C W $\pm 200 \times 10^{-6}$
⑦ Individual Specification... Std.Spec. as "AA"

Specifications

Item	Symbol	Specification	Units	Remarks
Nominal Frequency	f_{nom}	32.768	kHz	
Frequency Tolerance	f_{tol}	± 20	$\times 10^{-6}$	25°C $\pm 3^\circ\text{C}$
Turnover Temperature	Ti	+25 ± 5	°C	
Parabolic Coefficient	B	-0.04 max.	$\times 10^{-6}/^\circ\text{C}^2$	
Motional Resistance	R1	70 max.	k-ohm	
Motional Capacitance	C1	3.7 typ.	fF	
Shunt Capacitance	C0	0.9 typ.	pF	
Load Capacitance	CL	12.5	pF	Please contact us
Drive Level	DL	0.1	μW	
Operating Temp. Range	T _{use}	-40 to +85	°C	
Storage Temp. Range	T _{stg}	-55 to +125	°C	
Frequency Aging	f_{age}	± 3	$\times 10^{-6}$	

Dimensions

(Unit: mm)



Recommended Land Pattern

(Unit: mm)

