

J206 SMX Series

8.4 x 2.5mm Watch crystal

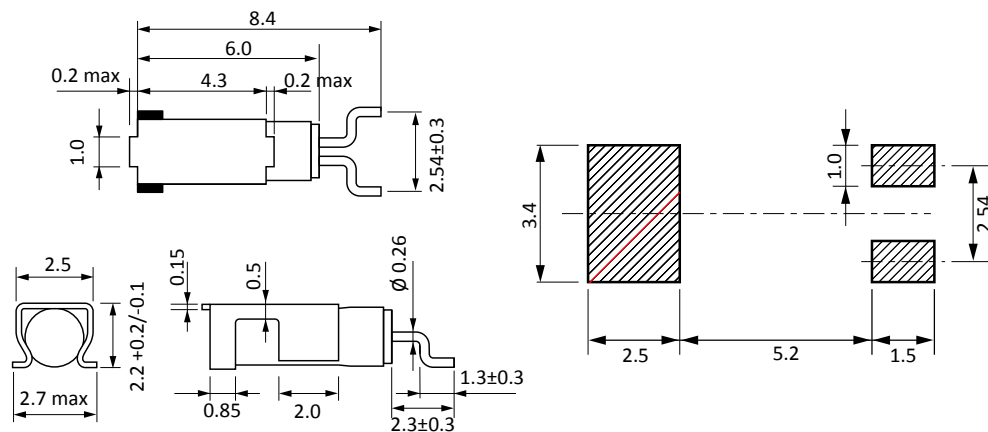


REACH and RoHS compliant
Jacketed SMD cylinder watch crystal.



Parameters		Specification	Remarks
Frequency	F_nom	32.768kHz	
Frequency tolerance	F_tol	±20ppm	At 25°C ± 3°C
Operating temperature range	T_use	-40°C ~ +85°C	
Storage temperature	T_stg	-40°C ~ +85°C	
Temperature coefficient	K	-0.037ppm/°C ²	
Turnover temperature	Ti	25°C ± 5°C	
Load capacitance	CL	12.5pF	
Equivalent series resistance	ESR	50KΩ max	
Shunt capacitance	C0	1.6pF typical	
Drive level	DL	1.0μW max	
Frequency aging	F_age	±5.0ppm max	First year
Insulation resistance	IR	500MΩ min	At DC100V ± 15V

Dimensions (mm)



Part number generation

SS	00003	G	I	H	D	-PF
ACT Series Code	Frequency (KHz)	Frequency Tolerance (±ppm)	Operating Temperature Range (°C)	Load capacitance (CL)	Packaging (Tape & Reel)	RoHS
SS	32.768kHz = 00003	±20 = G ±50 = N ±100 = P	-40 ~ +85 = I	12.5pF = H	Loose/Sample = L 3000pcs = D	RoHS = -pF

Note: It is important to suffix the above part number with full frequency required to give a completed part number as illustrated below.
Full Example Part Number : **SS00003GIHD-PF (32.768MHz)**

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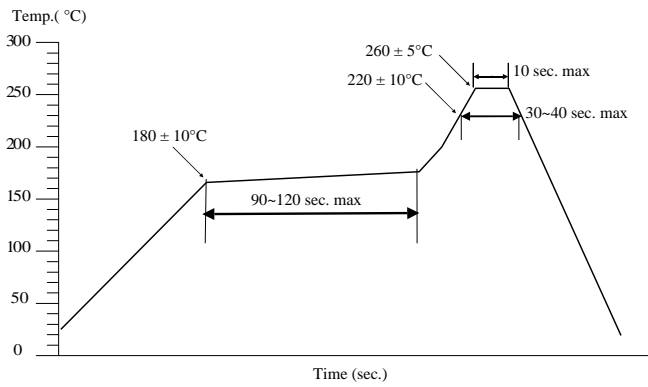
Specifications subject to change without notification

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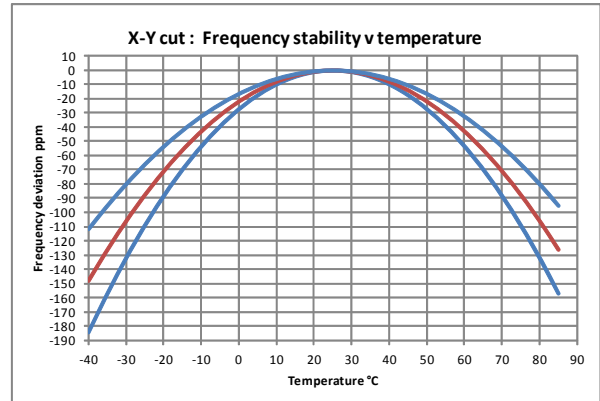
8.4 x 2.5mm Watch crystal



Reflow profile



Frequency stability vs temperature



Additional information

Drawing control: (Internal use only)
Commodity code: 854 160 00 00
Issue number: N1
Date: 1/02/2017
Internal reference: M4B

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