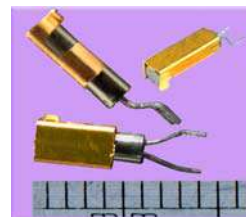


ACTJ206SMX (S / L / N)

The **ACTJ206SMX** is a miniature surface mount Watch Crystal in a cylindrical package offering high vibration and shock resistance together with high stability. The cylinder is enclosed in a squared outer case to assist with ease of handling. It is very suitable for portable equipment and close packing density requirements. There are two preformed lead versions, 'S' & 'L' and a smaller version 'N', please refer to 'Dimensions'.

The product is available taped and reeled on 3000 piece reels for S or L versions and 5000 piece reels for N versions. **Please specify 'S', 'L' or 'N' version when ordering.**

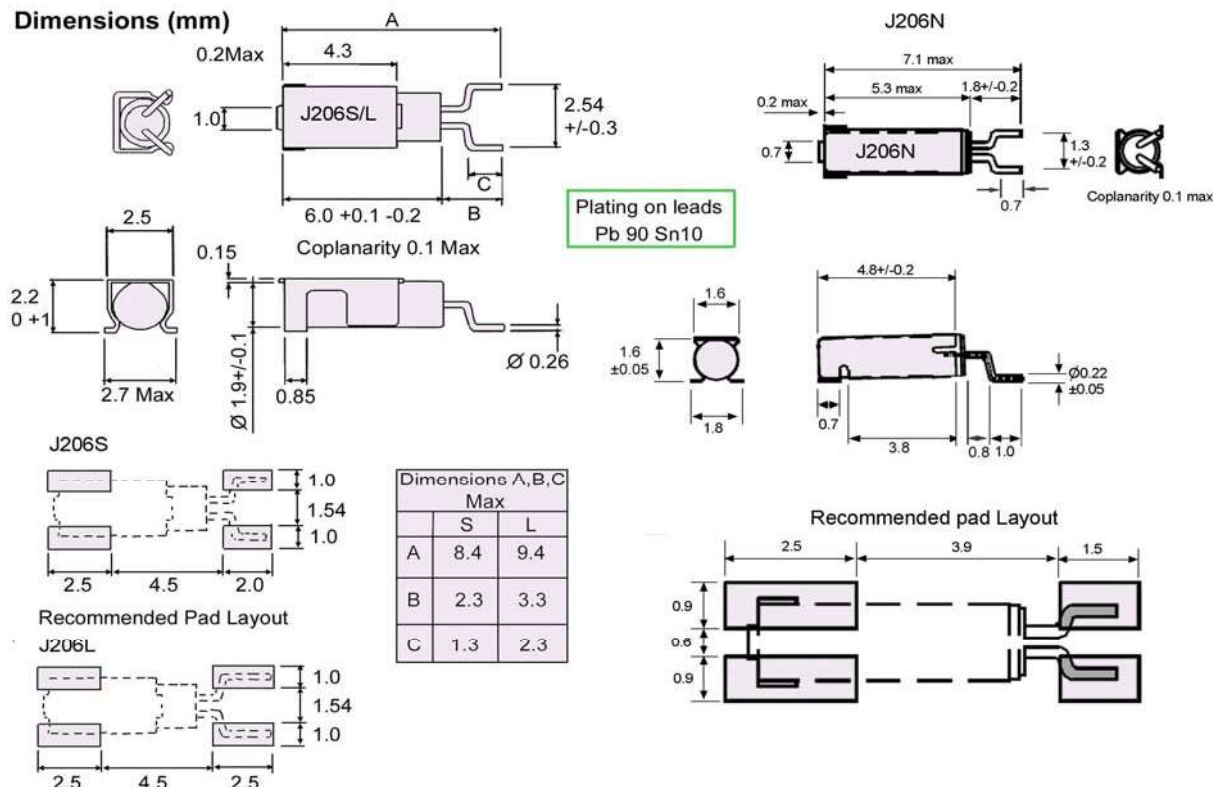
Compatible with Eu Directive
 2002/95/EC - RoHS
 Contains Pb>85% high melting
 point solder exempted from
 Article 4(1) of the directive



Specification

Parameter	Symbol	Specification		condition
		J206L/J206S	J206N	
Nominal Frequency	f_0	32.768KHz		
Frequency Tolerance	$\Delta f/f_0$	± 20 ppm		@25°C
Frequency v Temperature	$\Delta f/f_0$	Please refer to page 2		
Turnover Temperature	T_m	25°C ± 5 °C		
Temperature Coefficient	β	-0.037ppm/°C ² Typ		
Temp Operating Range	T_{opr}	-40 ~ +85°C		
Temp Storage Range	T_{stg}	-40 ~ +85°C	-50 ~ +125°C	
Equivalent Series Resistance	ESR	50K Ω max	55K Ω max	
Load Capacitance	CL	12.5pF		
Shunt Capacitance	C0	1.6pF Typical	0.9pF Typical	
Drive Level	DL	1 μ W max		
Insulation Resistance	IR	500M Ω @ 100VDC min		
Aging	Fa	± 5 ppm max	± 3 ppm max	First year, 25°C ± 3 °C
Reflow		Please refer to page 2		

Dimensions (mm)



Please note that all parameters can not necessarily be specified in the same device

Customer to specify : 'S', 'L' or 'N' version when ordering.

In line with our ongoing policy of product evolution and improvement, the above specification may subject to change without notice

ISO9001:2000 Registered

For quotations or further information please contact us at:

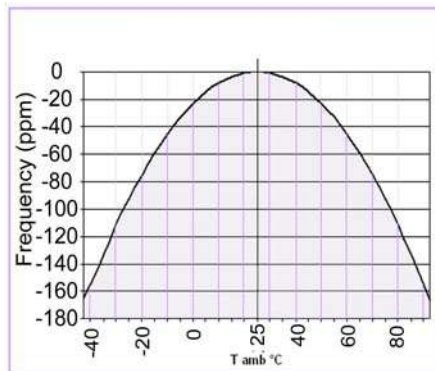
3 The Business Centre, Molly Millars Lane, Wokingham, Berkshire, RG41 2EY, UK

<http://www.actcrystals.com>

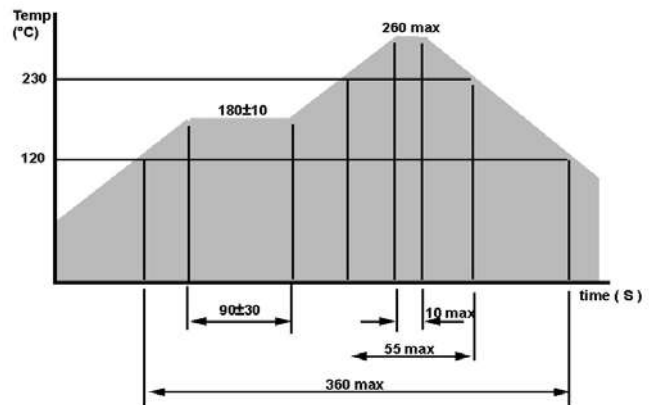
Issue: 2 M4B
 Date: 23/03/07

ACTJ206SMX (S / L / N) continued

Stability over temperature

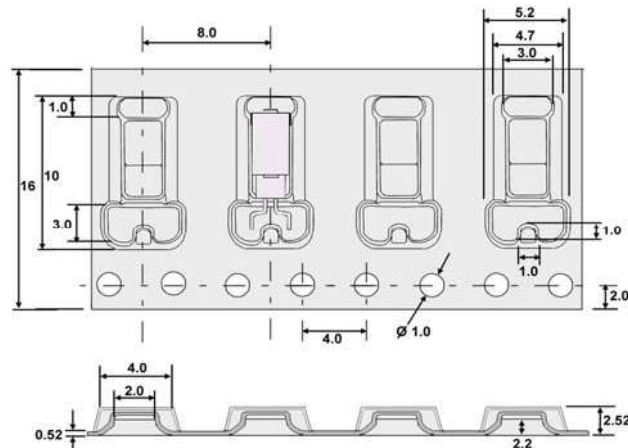


Recommended maximum re-flow profile

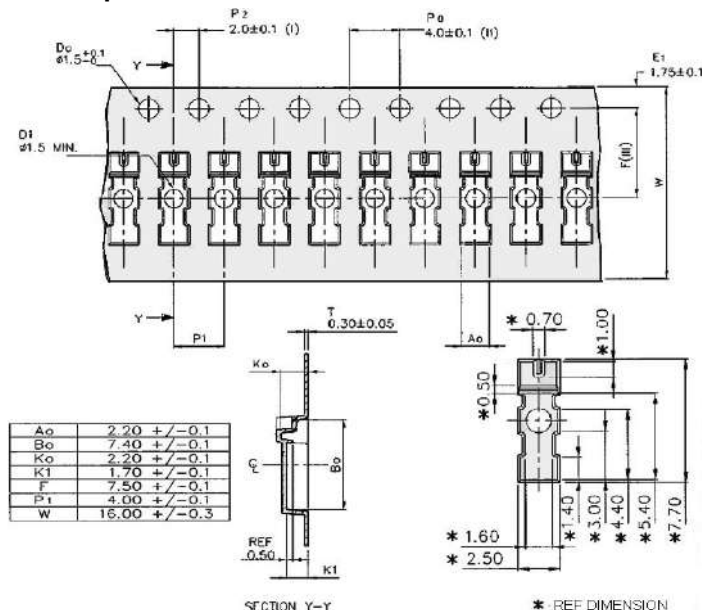


Tape Dimensions (mm)

J206 S/L Standard reel size 3K per reel



J206 N Standard reel size 5K per reel



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