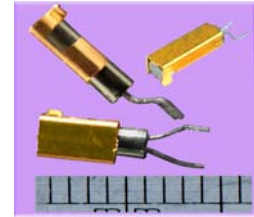


ACTJ206SMX (S / L / N)

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'.

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

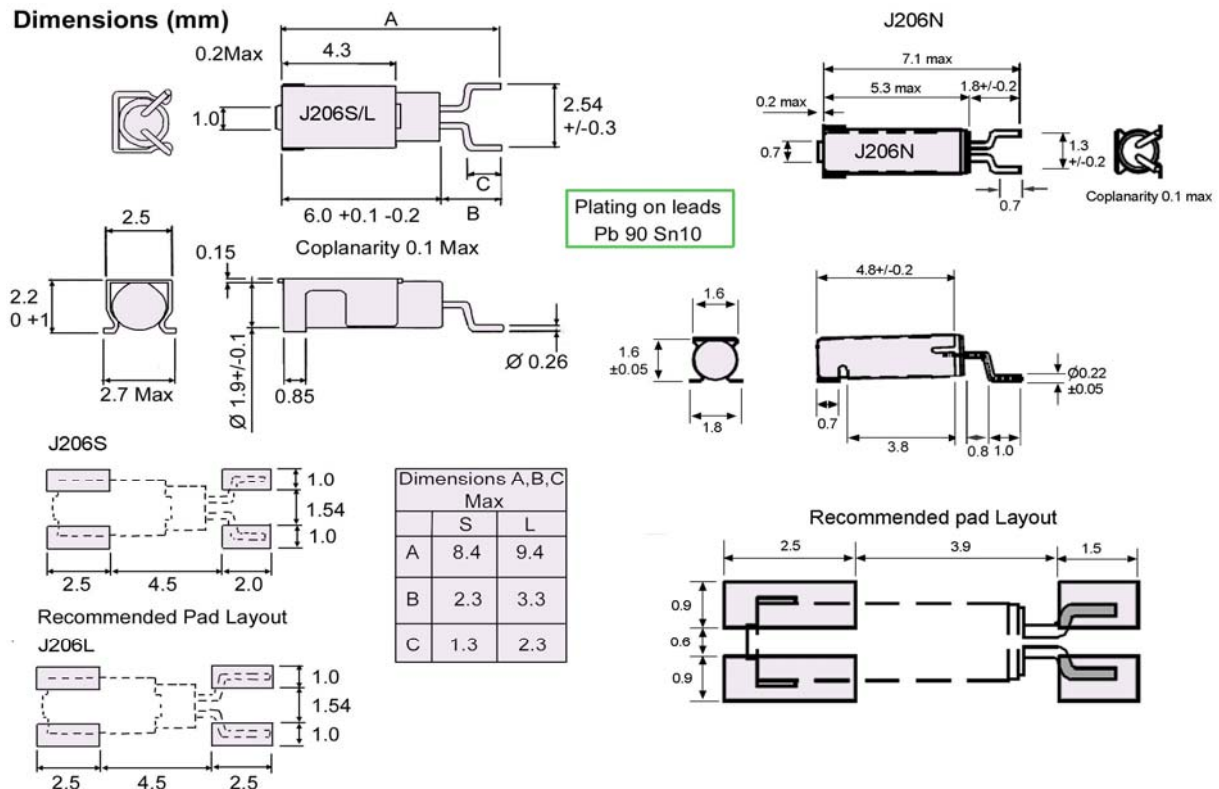


The product is available taped and reeled on 3000 piece reels for S or L versions and 5000 piece reels for N versions. **Please specify 'S', 'L' or 'N' version when ordering.**

Specification

Parameter	Symbol	Specification		condition
		J206L/J206S	J206N	
Nominal Frequency	fo	32.768KHz		
Frequency Tolerance	$\Delta f/fo$	$\pm 20ppm$		@25°C
Frequency v Temperature	$\Delta f/fo$	Please refer to page 2		
Turnover Temperature	Tm	25°C $\pm 5^\circ C$		
Temperature Coefficient	β	-0.037ppm/ °C ² Typ		
Temp Operating Range	Topr	-40 ~ +85°C		
Temp Storage Range	Tstg	-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	$\pm 5ppm$ max	$\pm 3ppm$ max	First year, 25°C $\pm 3^\circ C$
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

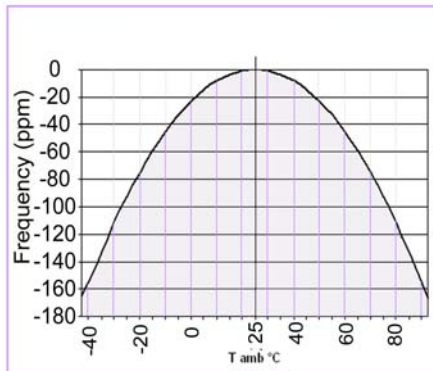
<http://www.actcrystals.com>

Issue: 2 M4B

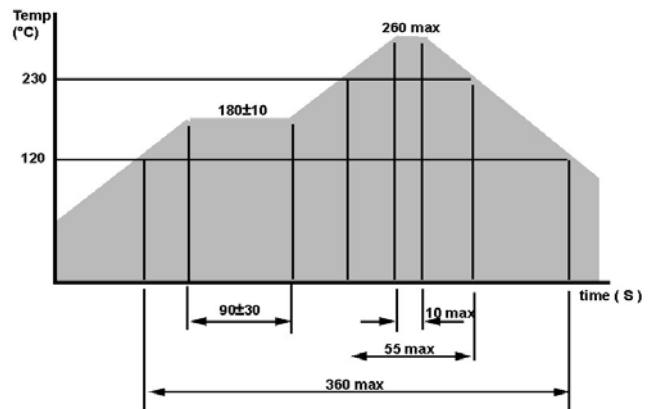
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ACTJ206SMX (S / L / N) continued

Stability over temperature

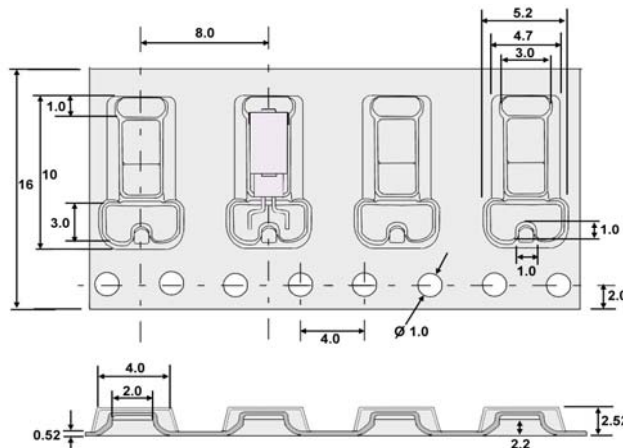


Recommended maximum re-flow profile

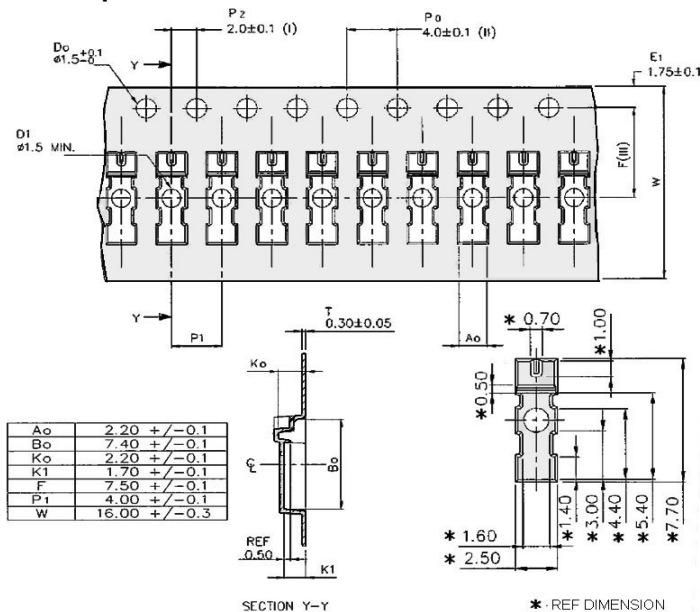


Tape Dimensions (mm)

J206 S/L Standard reel size 3K per reel



J206 N Standard reel size 5K per reel



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