



actual size

# SMD Quartz Crystal · JXS63

4 Pad Version · 6.0 x 3.5 mm

- ± 10 ppm type available
- ceramic / metal package
- wave soldering temperature: 260 °C max.



## General Data

type	JXS63	
frequency range	9.0 ~ 50.0 MHz	(fund. AT-cut)
frequency tolerance at 25 °C	± 10 ppm / ± 30 ppm	
load capacitance $C_L$	12 pF standard	(option 8 pF ~ 30 pF / series)
shunt capacitance $C_0$	< 7 pF	
storage temperature	-40 °C ~ +90 °C	
drive level max.	100 µW	
aging	< ± 3 ppm first year	

## ESR (series resistance Rs)

frequency in MHz	vibration mode	ESR max. in $\Omega$	ESR typ. in $\Omega$
9.00 ~ 9.999	fund. - AT	60	35
10.0 ~ 10.999	fund. - AT	50	25
11.0 ~ 11.999	fund. - AT	40	20
12.0 ~ 24.999	fund. - AT	40	15
25.0 ~ 50.000	fund. - AT	30	15

## Frequency Stability vs. temperature

		± 10 ppm	± 15 ppm	± 20 ppm	± 30 ppm	± 50 ppm
-20 °C ~ +70 °C	STD.	○	○	○	●	○
-40 °C ~ +85 °C	T1		○	○	○	●

● standard  
○ available

## Marking

frequency with load capacitance code  
company code / date code / internal code

date code: year/month

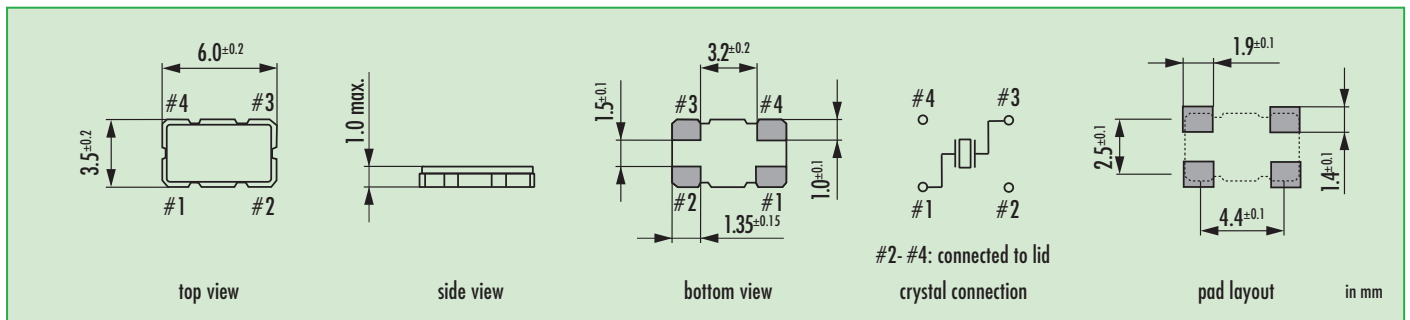
example: 3A = 2013 January

Jan.	Febr.	Mar.	Apr.	May	June
A	B	C	D	E	F

July	Aug.	Sept.	Oct.	Nov.	Dec.
G	H	J	K	L	M

## Dimensions



## Order Information

