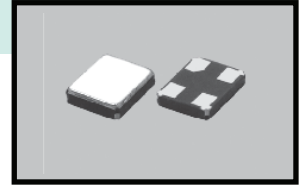


Quartz Crystal Resonator (MHz)

SX2016



General Description

The SX2016 is a ceramic packaged quartz crystal unit.

Features

High precision and high reliability
Light weight

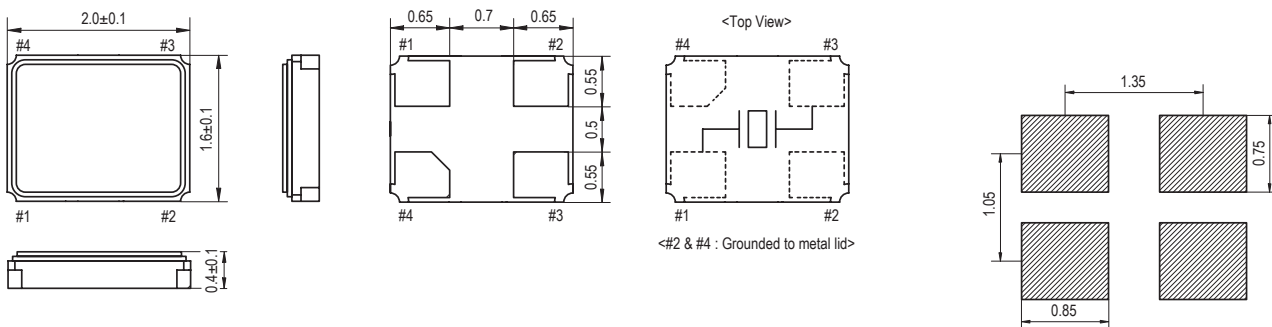
Main Applications

Mobile phone, Bluetooth, W-LAN, ISM band radio, Clock for MPU

Electrical characteristics

Item	Symbol	Values
Part number		SX2016
Mode of vibration		Fund.
Frequency range	F	16 - 54 MHz
Frequency tolerance (@ +25°C)	$\Delta f/F$	± 30 ppm or specify
Frequency stability	$\Delta f/F$	± 30 ppm or specify
Operating temp. range	To	-10°C / +70°C or specify
Storage temp. range	Ts	-55°C / +135°C
Load capacitance	Cl	8pF, 10pF or specify
Resonance Resistance	R1	200 Ω max up to 19.2MHz ; 100 Ω max up to 30MHz ; 80 Ω max up to 54MHz
Shunt capacitance	CO	< 3pF
Insulation resistance		>500 M Ω / DC100V
Drive level	P	0.05mW
Aging	$\Delta f/F$	± 3 ppm max @ +25°C

Dimensions



Remark : specifications subject to change without prior notice. Please confirm with our sales

Quartz Crystal Resonator (MHz)

SX2016

Part Number Generator

SX2016	16.000000	F	AT	P20	E	F	H	TR	xxx
0	1	2	3	4	5	6	7	8	9

0 : Holder
SX2016

1 : Frequency (MHz)
□□□.□□□□□□
max 10 digits including comma

2 : Vibration mode
F = Fund

3 : Cut
AT

4 : Load capacitance
S=Serie
P20=20pF
P30=30pF
etc

5 : Tolerance
A= $\leq \pm 30$ ppm
C= $\leq \pm 20$ ppm
E= $\leq \pm 10$ ppm

6 : Op. temp. range
F=-20/+70
N=-40/+85

7 : Stability
A< ± 50 ppm
D< ± 30 ppm
F< ± 20 ppm
H< ± 10 ppm

8 : Packing
TR = Tape & Reel

9 : Customized code
Note : factory use

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