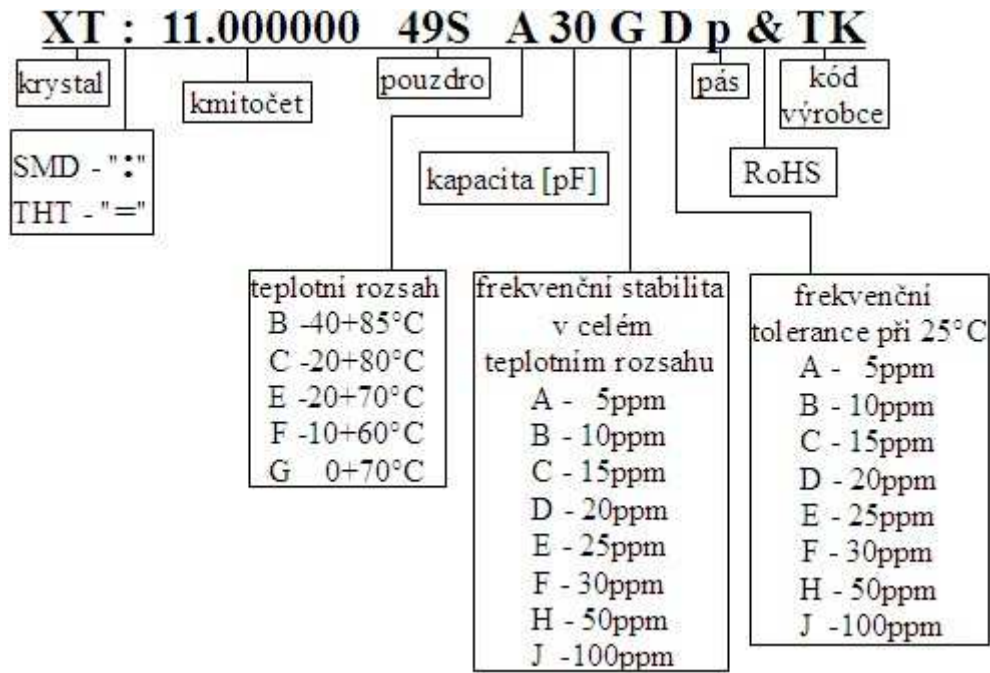


Krystaly SMD (krystalové rezonátory)

aktualizace: 21.12.2011

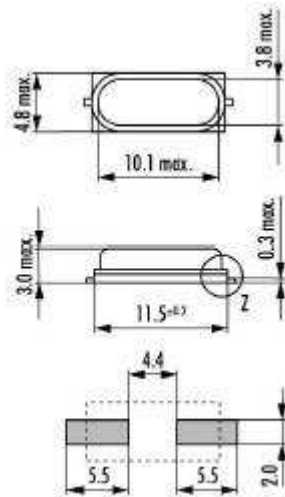


ESR [kOhm] ekvivalentní sériový odpor, vychází z náhradního (RLC) schématu krystalu

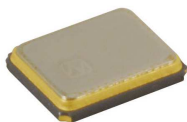
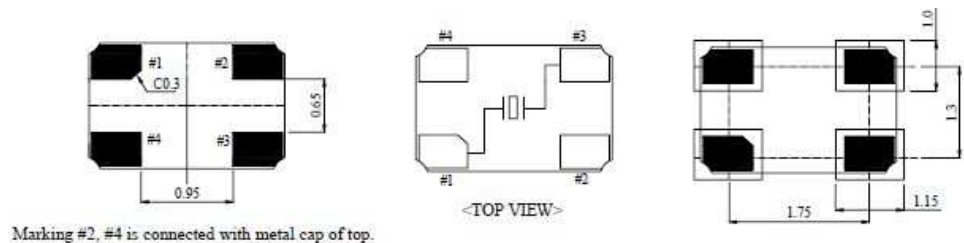
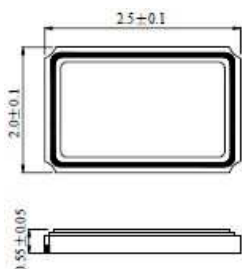
 C_L [pF] kapacita, určuje chování krystalu v oscilačním obvodu

Vdd [V] napájecí napětí

Způsob oscilace - určuje způsob získání cílového kmitočtu krystalu oscilací na - 1. harmonickém (fund), 3. a 5. har. kmitočtu

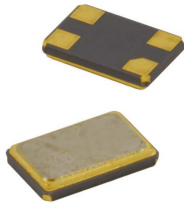
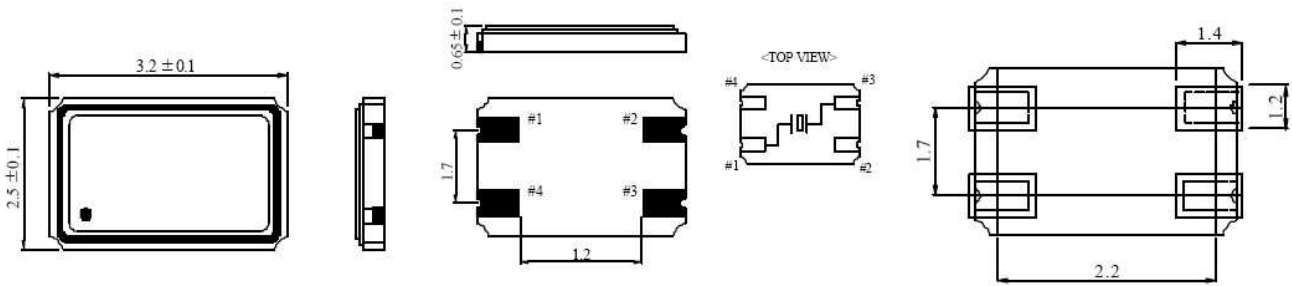
XT:HC49SMD (49p)

Technická specifikace	
rozsah kmitočtů - základní	3,579 ÷ 35 MHz
- 3. harmonická	25 ÷ 90 MHz
tolerance kmitočtu / 25°C	± 5 ÷ ± 50 ppm (30)
teplotní stabilita	± 5 ÷ ± 50 ppm (30)
rozsah pracovních teplot	-40°C (20) + 105°C (70)
dlouhodobá stabilita	± 2 ÷ ± 5 ppm /rok (5)
Izolační odpor [MOhm]	>500 /100V DC
C_L [pF]	5 ÷ 50 (20)
ESR [kOhm]	40÷150 dle kmitočtu

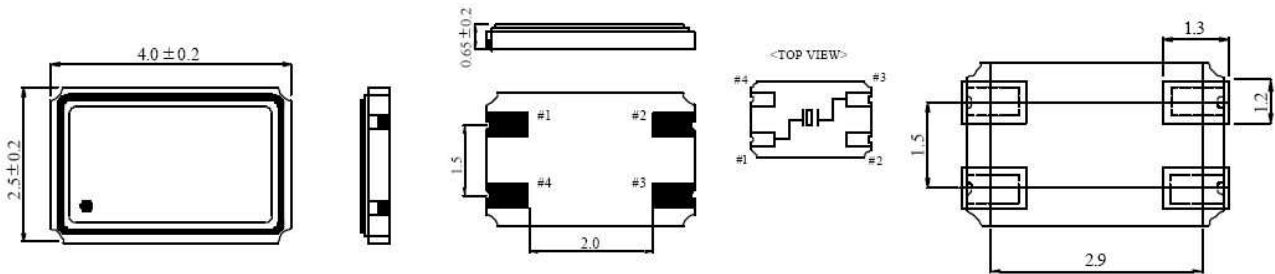
**Piezoelektrické krystaly SMD (krystalové rezonátory)****XT:2520 (2520)**

Marking #2, #4 is connected with metal cap of top.

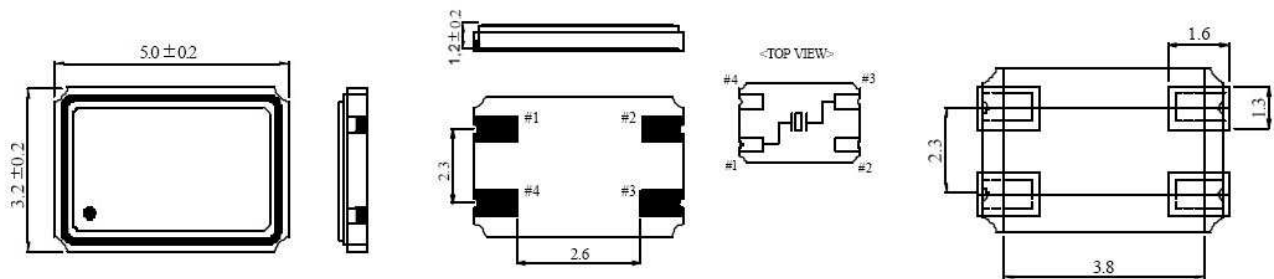
XT:3225 (3225)



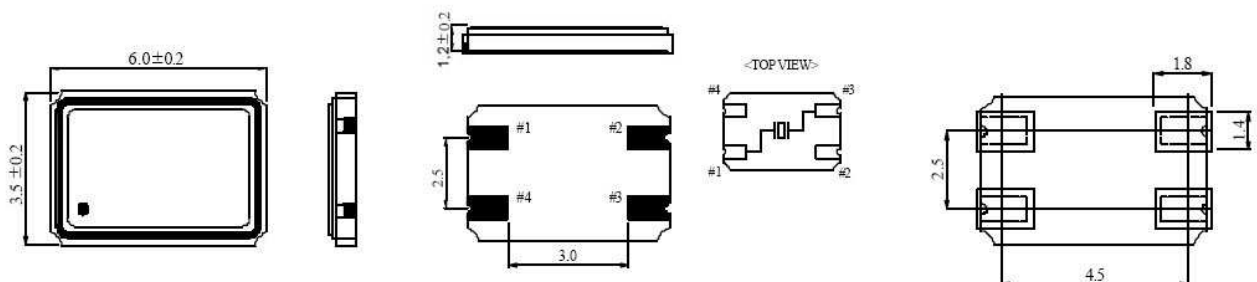
XT:4025 (4025)



XT:5032 (5032)

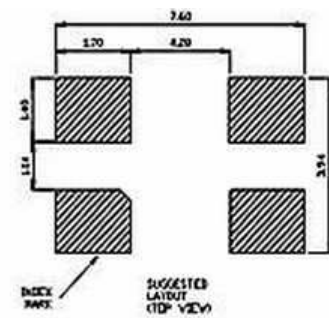
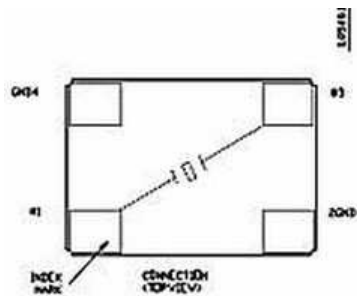
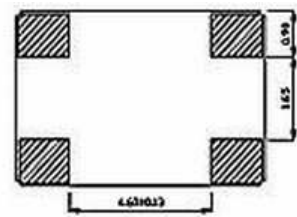
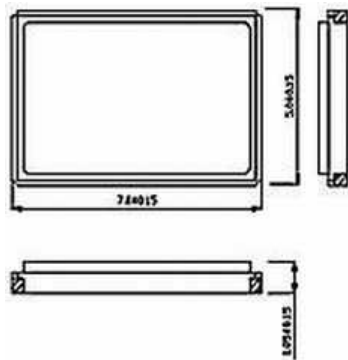
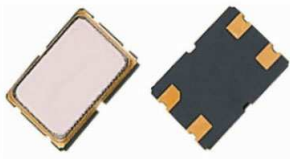


XT:6035 (6035)



Piezoelektrické krystaly SMD (krystalové rezonátory)

XT:7050 (7050)



XT:SM8 (SM8)

