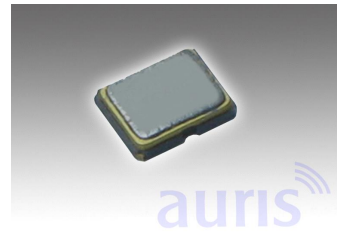


Features HC Series

- SMD
- High reliability
- Application: Bluetooth, wireless LAN
- Ultra thin and small leadless type

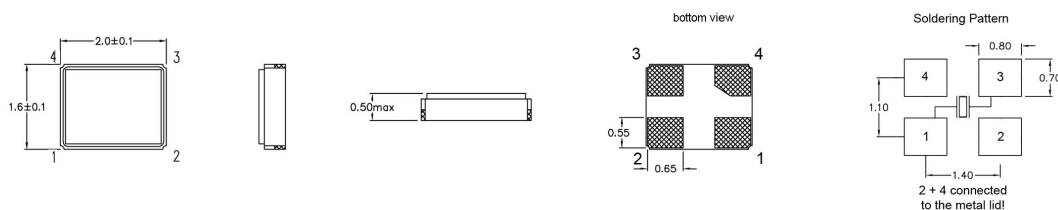


HC2016/4

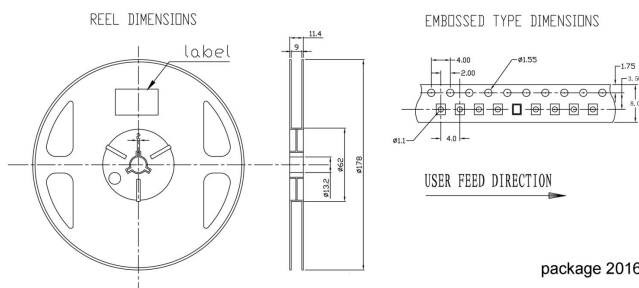
Specification

Type	HC2016/4	ESR (max.)
Frequency Range fundamental	16,0MHz ~ 96,0MHz (AT cut)	16,0MHz ~ 20,0MHz = 200 Ohm
Frequency Range over tone	-	21,0MHz ~ 25,0MHz = 120 Ohm
Frequency Tolerance at 25°C±5°C	standard ±30ppm; available ±10 ~ ±30ppm	26,0MHz ~ 40,0MHz = 100 Ohm
Temperature Range	0°C ~ +70°C, or order code	41,0MHz ~ 96,0MHz = 60 Ohm
Load Capacitance CL	standard 10pF; available 6pF ~ 30pF /SR	
Shunt Capacitance C0	3,0pF max.	
Aging	±3 ppm/year standard (±1 or ±2 ppm on request)	
Storage Temperature	-55°C - +125°C	Temp. Tolerance (ppm)
Drive Level	50uW typ.	-20°C ~ +70°C standard ±30 available ±10 ~ ±50
RoHS	compliant	-40°C ~ +85°C standard ±50 available ±15 ~ ±50
Contents Of Reel	3000 pcs	-40°C ~ +105°C on request

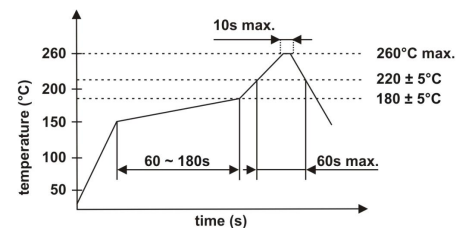
Drawing (mm)



Tape dimension (mm)



Soldering profile



package 2016

Order code

Q	- 28.000000M - HC2016/4	- F	- 30	- 30	- A	- 12	- TR	
Part	Frequency	Package	Mode of oscillation	Frequency tolerance	Temperature tolerance	Temperature range	Load capacitance	Option
Q=Quartz	M=MHz	HC2016/4	F=fund.	±ppm (25°C)	±ppm (Temp. range)	A= 0°C ~ +70°C B= -10°C ~ +60°C C= -10°C ~ +70°C D= -20°C ~ +70°C E= -40°C ~ +85°C	pF	TR=Tape and reel X=Special options
		/4 = 4 pads						