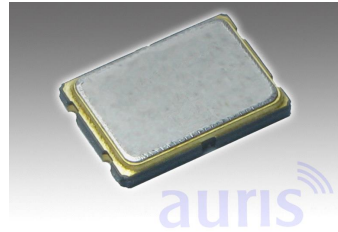


Features HC Series

- SMD ceramic enclosures
- High reliability seam welded seal
- Frequency up to 125 MHz
- Ultrathin profile

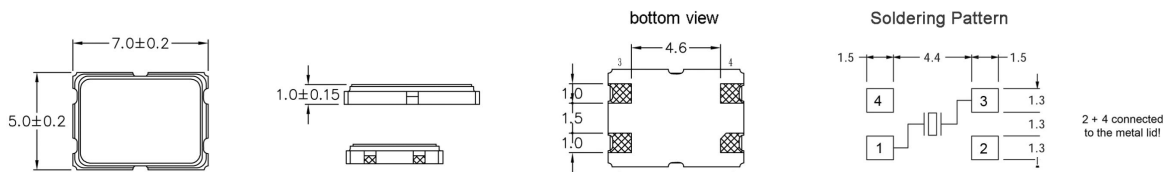


HC7050/4

Specification

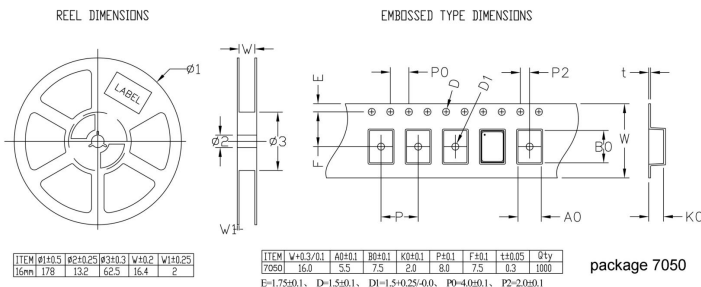
Type	HC7050/4	ESR max.
Frequency Range fundamental	6,000MHz ~ 30,000 MHz (AT cut)	6,0MHz ~ 8,0MHz = 100 Ohm
Frequency Range over tone	30,000MHz ~ 125,000MHz (AT cut)	8,1MHz ~ 16,0MHz = 80 Ohm
Frequency Tolerance at 25°C±5°C	standard ±30ppm; available ±10 ~ ±50ppm	16,1MHz ~ 30,0MHz = 50 Ohm
Temperature Range	0°C ~ +70°C, or order code	30.1MHz ~ 40,0 MHz = 100 Ohm (3.O.T.)
Load Capacitance CL	standard 16pF; available 8pF ~ 32pF,SR	40,1MHz ~ 125,0MHz = 80 Ohm (3.O.T.)
Shunt Capacitance C0	7pF max.	
Aging	±3ppm/year max	
Storage Temperature	-55°C - +125°C	Temp. Tolerance at 25°C± 5°C (ppm)
Drive Level	200µW max.	-20°C ~ +70°C standard ±30 available ±10 ~ ±50
RoHS	compliant	-40°C ~ +85°C standard ±50 available ±10 ~ ±50
Contents Of Reel	1000 pcs	-40°C ~ +105°C available ±70 ~ ±100

Drawing (mm)

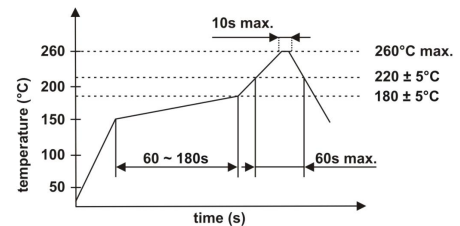


Please notice: Due to the availability of raw materials, this enclosure may be manufactured with the chamfer on pin 2. Be advised that this does not affect the electrical characteristics of the crystal.

Tape dimension (mm)



Soldering profile



Order code

Q	- 30.000000M	- HC7050/4	- F	- 30	- 30	- D	- 16	- TR
Part	Frequency	Package	Mode of oscillation	Frequency tolerance	Temperature tolerance	Temperature range	Load capacitance	Option
Q=Quartz	M=MHz	HC7050/4	F=fund. 3=3.OT	±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 F= -40°C ~ +105°C G= -40°C ~ +125°C	pF SR=series	TR=Tape and reel X=Special options
		/4 = 4 pads						