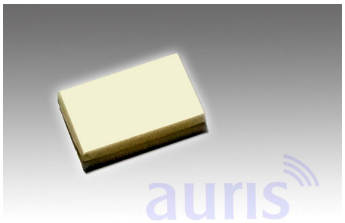
Features AC Series

RoHS compliant
REACH compliant
Conflict mineral free

- SMD
- High reliability
- Ultra thin and small leadless type
- For high mechanical demands available

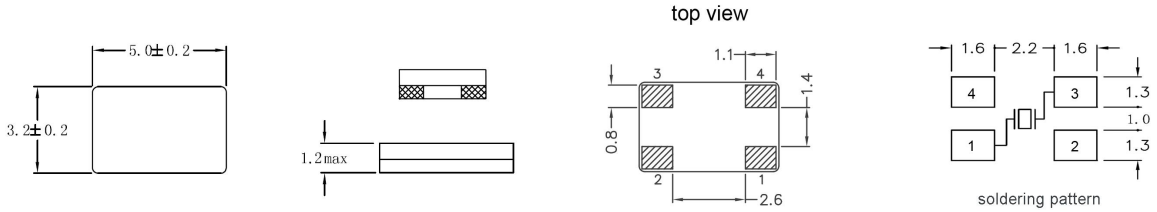


AC5032/4

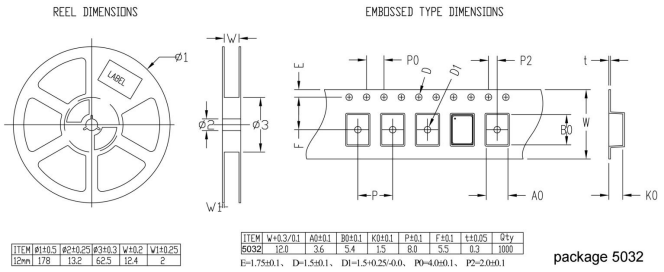
Specification

Type	AC5032/4		ESR max.
Frequency Range fundamental	8,0MHz ~ 32,0MHz (AT cut)		8,0MHz ~ 10,0MHz = 100 Ohm
Frequency Range over tone	-		10,1MHz ~ 12,0MHz = 80 Ohm
Frequency Tolerance at 25°C	available ±20 ~ ±50ppm		12,1MHz ~16,0MHz = 60 Ohm
Temperature Range	0°C ~ +70°C, or order code		16,1MHz ~ 32,0MHz = 30 Ohm
Load Capacitance CL	standard 12pF; available 8pF ~ 32pF, SR		
Shunt Capacitance C0	7pF max.		
Aging	±5ppm/year max.		
Storage Temperature	-55°C - +125°C		Temp. Tolerance (ppm)
Drive Level	100µW typ.		-20°C ~ +70°C standard ±30, available ±20 ~ ±50
RoHS	compliant		-40°C ~ +85°C standard ±50, available ±20 ~ ±50
Contents Of Reel	1000 pcs		

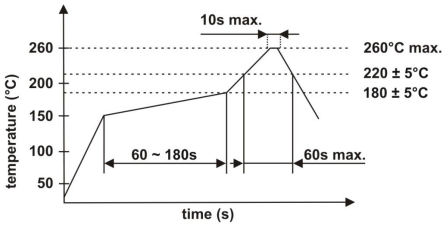
Drawing (mm)



Tape dimension (mm)



Soldering profile



Order code

Q	- 25.000000M	- AC5032/4	- F	- 30	- 50	- D	- 12	- TR
Part	**Frequency**	**Package**	**Mode of oscillation**	**Frequency tolerance**	**Temperature tolerance**	**Temperature range**	**Load capacitance**	**Option**
Q=Quartz	M=MHz	AC5032/4 /4 = 4 pads	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 SR=series	TR=Tape and reel X=Special options