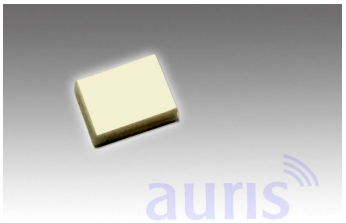
Features AC Series

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

RoHS compliant
REACH compliant
Conflict mineral free

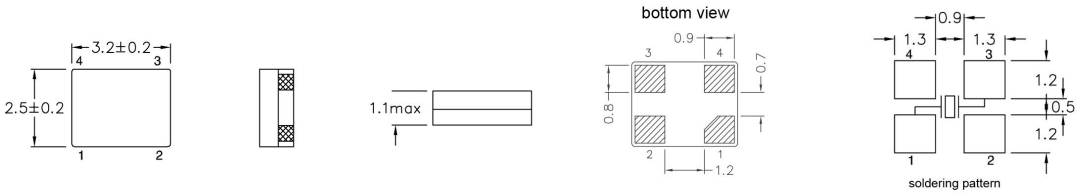


AC3225/4

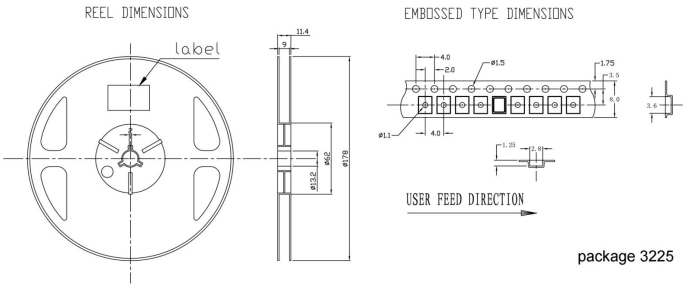
Specification

Type	AC3225/4		ESR (max.)
Frequency Range fundamental	12,0MHz ~ 54,0 MHz (AT cut)		12,0MHz ~ 20,0MHz = 120 Ohm
Frequency Range over tone	-		20,1MHz ~ 23,0MHz = 80 Ohm
Frequency Tolerance at 25°C	available ±10 ~ ±50ppm		23,1MHz ~ 32,0MHz = 50 Ohm
Temperature Range	0°C ~ +70°C, or order code		32,1MHz ~ 54,0MHz = 40 Ohm
Load Capacitance CL	available 8pF ~ 32pF, SR		
Shunt Capacitance C0	2pF max.		
Aging	±5ppm/year max.		
Storage Temperature	-55°C - +125°C		Temp. Tolerance (ppm)
Drive Level	100uW typ.		-20°C ~ +70°C available ±20 ~ ±50
RoHS	compliant		-40°C ~ +85°C available ±20 ~ ±50
Contents Of Reel	3000 pcs		

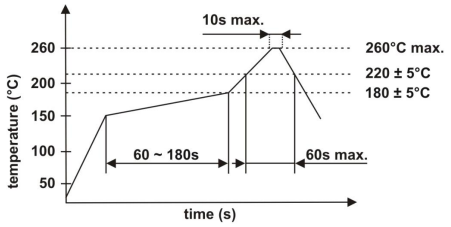
Drawing (mm)



Tape dimension (mm)



Soldering profile



Order code

Q	- 36.000000M	- AC3225/4	- F	- 30	- 50	- D	- 10	- TR
Part	**Frequency**	**Package**	**Mode of oscillation**	**Frequency tolerance**	**Temperature tolerance**	**Temperature range**	**Load capacitance**	**Option**
Q=Quartz	M=MHz	AC3225/4 /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