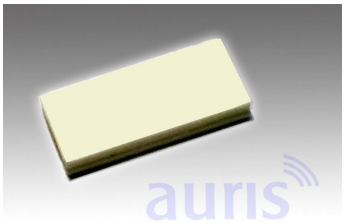
Features AC Series

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

RoHS compliant
REACH compliant
Conflict mineral free

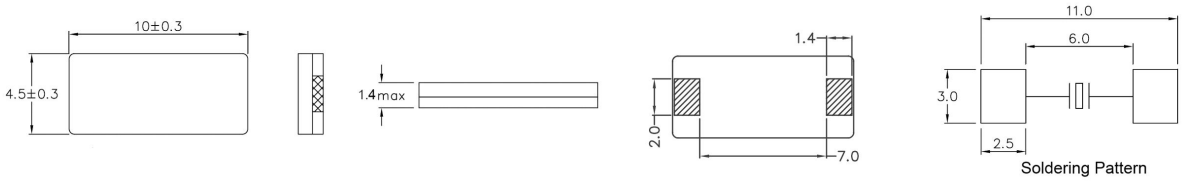


AC1045/2

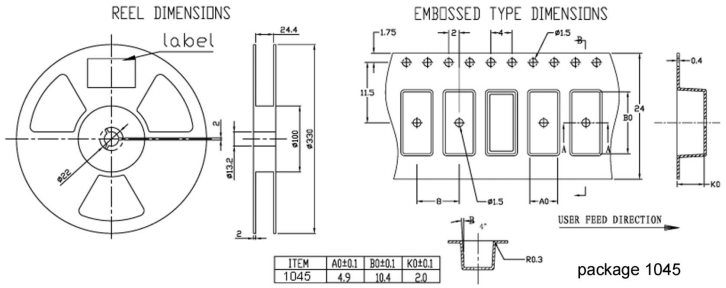
Specification

Type	AC1045/2		ESR (max.)
Frequency Range fundamental	3,50MHz ~ 8,00MHz (AT cut)		3,50MHz ~ 6,00MHz = 120 Ohm
Frequency Range over tone	-		6,10MHz ~ 8,00MHz = 80 Ohm
Frequency Tolerance at 25°C	available ±20 ~ ±50ppm		
Temperature Range	0°C ~ +70°C, or order code		
Load Capacitance CL	available 10pF ~ 32pF, SR		
Shunt Capacitance C0	7pF max.		
Aging	±5ppm/year max.		
Storage Temperature	-55°C - +125°C		Temp. Tolerance (ppm)
Drive Level	100uW typ.		-20°C ~ +70°C available 20ppm - 30ppm - 50ppm
RoHS	compliant		-40°C ~ +85°C available 20ppm - 30ppm - 50ppm
Contents Of Reel	500 pcs		

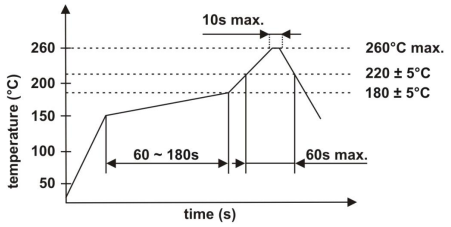
Drawing (mm)



Tape dimension (mm)



Soldering profile



Order code

Q	- 5.000000M	- AC1045/2	- F	- 30	- 30	- D	- 10	- TR
Part	**Frequency**	**Package**	**Mode of oscillation**	**Frequency tolerance**	**Temperature tolerance**	**Temperature range**	**Load capacitance**	**Option**
Q=Quartz	M=MHz	AC1045/2 /2 = 2 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