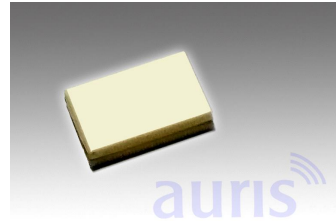


Features AC Series

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

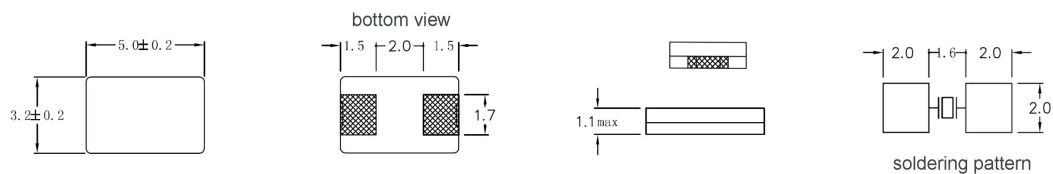


AC5032/2

Specification

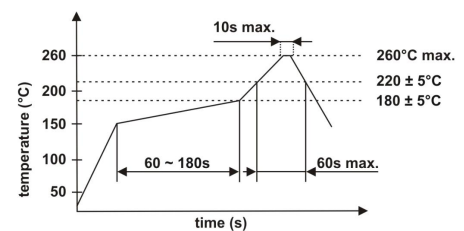
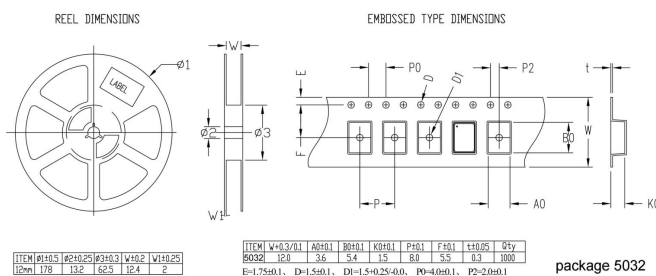
| Type | AC5032/2 | ESR max. |
|-----------------------------|--|--|
| Frequency Range fundamental | 8,0MHz ~ 32,0 MHz (AT cut) | 8,0MHz ~ 10,0MHz = 100 Ohm |
| Frequency Range over tone | - | 10,1MHz ~ 12,0MHz = 80 Ohm |
| Frequency Tolerance at 25°C | available $\pm 20 \sim \pm 50$ ppm | 12,1MHz ~ 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 | ± 5 ppm/year max. | |
| Storage Temperature | -55°C - +125°C | Temp. Tolerance (ppm) |
| Drive Level | 100 μ W typ. | -20°C ~ +70°C standard ± 30 , available $\pm 20 \sim \pm 50$ |
| RoHS | compliant | -40°C ~ +85°C standard ± 50 , available $\pm 20 \sim \pm 50$ |
| Contents Of Reel | 1000 pcs | |

Drawing (mm)



Tape dimension (mm)

Soldering profile



Order code

| Q | - 25.000000M | - AC5032/2 | - 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 | AC5032/2 | F=fund. | \pm ppm (25°C) | \pm 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 |
| | | /2 = 2 pads | | | | | | |