

# QUARTZ CRYSTAL 石英晶体谐振器

## AT-38

### ■ SPECIFICATIONS 规格

| Model 型号                        |                        | AT-38                            |
|---------------------------------|------------------------|----------------------------------|
| Frequency Range 频率范围            |                        | 3.579 to 70.000MHz               |
| Mode of Vibration<br>振动模式       | AT-cut,Thickness-Shear | Fundamental<br>3rd overtone      |
| Operating Temp.Range 工作温度范围     |                        | -10 ~ +60 °C                     |
| Frequency Tolerance 频率偏差        |                        | ± 10ppm, ± 20ppm                 |
| Frequency Stability(TEMP) 频率稳定性 |                        | ± 10ppm, ± 20ppm                 |
| Load Capacitance 负载电容           |                        | Series, 16pF, 20pF, 32pF         |
| Drive Level 激励电平                |                        | 50μW(Fund), 100μW(3rd)           |
| Storage Temp.Range 储存温度范围       |                        | -30 ~ +80 °C                     |
| Max.Drive Level 激励功率            |                        | 300μW max.(Fund.) 1mW max.(3rd.) |

### ■ FREQUENCY EXAMPLE 频率示例

### ■ DIMENSIONS 外型尺寸

| Frequency           | Mode | AT-38    |
|---------------------|------|----------|
| 3.579 ~ 3.700 MHz   | Fund | 200Ω max |
| 3.700 ~ 4.000 MHz   | Fund | 180Ω max |
| 4.000 ~ 4.100 MHz   | Fund | 150Ω max |
| 4.100 ~ 5.000 MHz   | Fund | 120Ω max |
| 5.000 ~ 7.000 MHz   | Fund | 100Ω max |
| 7.000 ~ 10.000 MHz  | Fund | 80Ω max  |
| 10.000 ~ 12.000 MHz | Fund | 70Ω max  |
| 12.000 ~ 14.000 MHz | Fund | 60Ω max  |
| 14.000 ~ 16.000 MHz | Fund | 50Ω max  |
| 16.000 ~ 28.000 MHz | Fund | 40Ω max  |
| 30.000 ~ 70.000 MHz | 3rd  | 100Ω max |

