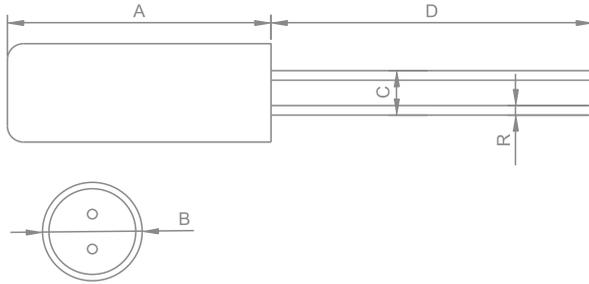


Dimensions(mm)



| Choose | Type | A | B | C | D | R | Type Code |
|--------------------------|-------|--------|---------|-----|---------|-------|-----------|
| <input type="checkbox"/> | AT308 | 8.2MAX | Ø3.1MAX | 1.1 | 10.0MAX | Ø 0.3 | QRDO |
| <input type="checkbox"/> | AT206 | 6.2MAX | Ø2.1MAX | 0.7 | 10.0MAX | Ø 0.2 | QRDA |

GENERIC SPECIFICATION

| ITEM | | QRDO AT308 | QRDA AT206 | REMARK |
|---------------------------------------|-----------------|------------------------------|--------------------|----------------------------|
| Nominal Frequency Range | | 4.0MHz to 36.0MHz | 12.0MHz to 30.0MHz | Fund. Mode/ AT |
| | | 36.0MHz to 70.0MHz | | 3 rd , Overtone |
| Frequency tolerance @ 25°C | | ±10, ±20, ±30, ±50, ±100 ppm | | Others are offered |
| Load Capacitance | | 10 pF to ∞pF for Fund. Mode | | Please specify |
| Frequency temperature characteristics | | ±10, ±15, ±20, ±30, ±50 ppm | | Others are offered |
| Temperature Range | Storage Temp. | -40°C to +85°C | | |
| | Operating Temp. | -10°C~ +60°C to -40°C~ +85°C | | Others are offered |
| Drive Level | | 10uW to 100uW(Typical:10uW) | | Please specify |
| Equivalent Series Resistance | | As Per Table | | |
| Shunt Capacitance | | 5.0pF Max. | | |
| Insulation Resistance | | More than 500MΩ @ DC 1 00V | | |
| Aging | | First year ±3ppm | | |

MOTIONAL (SERIES) RESISTANCE (R1)

| Frequency Range | 4.0MHz-6MHz | 6MHz-10MHz | 10MHz-20MHz | 20MHz-40MHz | 30MHz-48MHz | 48MHz-70MHz |
|-----------------|-------------|-------------|-------------|-------------|----------------------------|----------------------------|
| Mode | Fundamental | Fundamental | Fundamental | Fundamental | 3 rd , Overtone | 3 rd , Overtone |
| R1 | 150-80Ω max | 60Ω max | 40Ω max | 30Ω max | 100-80Ω max | 50Ω max |