

SMD Seam Temperature Sensing Crystal 1.6x1.2x0.65mm T16 Series



Features

- High precision and high frequency stability.
- Excellent thermal coupling between thermistor and crystal.
- Application in mobile communications.
- RoHS Compliant / Pb Free.



Crystals specifications

ITEMS/TYPE	T16
Frequency Range	26-76.8MHz
Load Capacitance	12pF, or specify
Frequency Tolerance (at 25 °C)	±10 ppm, or specify
Frequency Stability Over Operating Temperature Range	±10 ppm, or specify
Operating Temperature Range	-30~+85°C, or specify
Shunt Capacitance (C0)	3 pF Max.
Drive Level	1 ~ 100μW (typical)
Aging (at 25 °C)	± 1 ppm / year Max.
Storage Temperature Range	-40~ + 105 °C
Thermistor Resistance (25 °C)	100 kΩ , or specify
Thermistor B-constant (25~50°C)	4250, or specify

Equivalent Series Resistance(ESR)

Frequency Range	Mode	ESR.	Frequency Range	Mode	ESR.
26~40MHz	FuAT,FundI	50 Ω Max.	40~76.8MHz	FuAT,FundI	30 Ω Max

Dimensions and patterns(unit:mm)

