

TTF19NS/MS

Temperature Compensated Crystal Oscillator(TCXO)

■ Feature

Reflow solderable,Ceramic SMD type.1

Small lot,special frequency is available.

Suitable for FAX,Cordless phone,base station for cellulae phone,

Measurement equipment.

■ Specifications

Size	18.4 × 11.8 × 5.0 (mm)
Model Name	TTF19NS/MS
Output Frequency	8.0 ~ 20.0 (MHz)
Supply Voltage	5.0 ± 10% (V)
Supply Current	2.0max. (mA)
Output Level	0.8 min. (Vp-p)
Load	10 (kΩ)//10 (pF) ±10%
Frequency Stability	Table-1
Voltage Controlled Range	±8 ~ ±15 (ppm) :Vc=2.5V±2.0V at Vcc=5.0V
Frequency adjustment Range	±2 (ppm) min (by inside trimmer)

■ Table-1 Frequency Stability

	Frequency Stability
Temperature Range (-25~ +75 °C)	± 2.5 (ppm)
Supply Voltage (3.0 V ±5%)	± 0.5 (ppm)
Load(10kΩ//10pF ±5%)	± 0.2 (ppm)
Initial Frequency Tolerance (at 25±2 °C)	± 2.0 (ppm)
Aging(year)	±1.0 (ppm)

* Products with specific requirements are available upon request.

Outline

