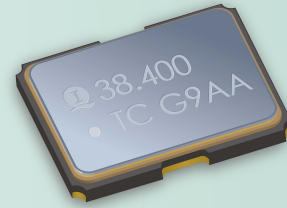


TCXO 2016 (TC950 SERIES)

FEATURES

- Ultra-miniature size
- High reliability seam welded package
- Pick and place assembly
- Voltage Control applicable
- Low supply voltage version available
- RoHS Compliant and Pb Free

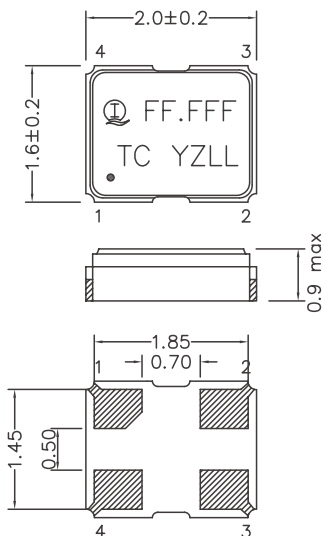


Electrical Specifications

| Parameters | | Specifications |
|---|------|------------------------------|
| Output Waveform 输出波形 | | Clipped Sine |
| Frequency Range 频率范围 | | 9.5MHz ~ 70MHz |
| Supply Voltage Range (Vdd) 工作电压范围 | | 1.8V ~ 3.3V |
| Operating Temperature Range 工作温度范围 | | -20°C ~ +70°C, -40°C ~ +85°C |
| Frequency Stability 频率偏差 | | |
| vs. Room Temp. (25°C ± 3°C) 相对常温 | | ±1.0ppm, ±2.0ppm |
| vs. Operating Temp. 相对工作温度 | | ±0.5ppm, ±1.0ppm, ±2.0ppm |
| vs. Voltage Change (±5%) 相对电压变化 | | ±0.2ppm Max. |
| vs. Load Change (±5%) 相对负载变化 | | ±0.2ppm Max. |
| vs. Aging (First Year) 相对首年老化率 | | ±1ppm |
| Current Consumption (Idd) 消耗电流 | | 2mA Max. |
| Output Voltage 输出电压 | Vp-p | 0.8V Min. |
| Output Load 输出负载 | | 10k Ω // 10pF |
| Pullability 牵引范围 (for VCTCXO) | | ±9 ~ ±15ppm Typ. |
| Control Voltage Range 控制电压范围 (for VCTCXO) | | 0.90V ± 0.60V, 1.4V ± 1V |
| Phase Noise @ 1kHz Offset | | -130dBc/Hz Typ. |
| Start-up Time 起动时间 | | 3ms Max. |
| Storage Temperature Range 储存温度范围 | | -40°C ~ +85°C |

Please consult our sales representatives for other specifications. 如对其他规格查询, 请与我司销售人员联系。

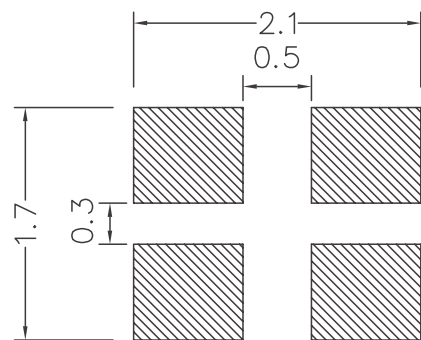
Dimensions



PIN CONNECTION

| P/N | FUNCTION |
|-----|--------------|
| 1 | VC or Ground |
| 2 | Ground |
| 3 | Output |
| 4 | VDD |

DIMENSION (mm)



SOLDERING PATTERN (mm)

All specifications are subject to change without prior notice. 本公司保留修改规格的权利。