

STO-2016A, STV-2016A series



■用途
GPS

■特長

- Small ceramic package / Dimensions (2.0×1.6×0.8)
- High stability ±0.5ppm / -30°C~+85°C
- Low current consumption
- Low phase noise
- Clipped sine output (DC coupled)



■仕様

| Model | STO-2016A | STV-2016A(VC-TCXO) |
|----------------------------|---|--|
| Nominal frequency [MHz] | 16.368, 16.369, 19.2, 26 | |
| Frequency stability | Tolerance at 25°C | ±2.0 × 10 ⁻⁶ (Sixty minutes after reflow) |
| | Temperature (+25°C basis) | ±0.5 × 10 ⁻⁶ / -30~+85°C |
| | Supply voltage stability | ±0.2 × 10 ⁻⁶ / Vcc ± 5% |
| | Load stability | ±0.2 × 10 ⁻⁶ / ZL ± 10% |
| Aging | ±1.0 × 10 ⁻⁶ / year at +25°C | |
| Storage temperature range | -40~+85°C | |
| Power supply voltage (Vcc) | 1.8, 2.8, 3.0, 3.3V DC ±5% | |
| Current consumption | 2.0mA max. | |
| Output | Load (ZL) | 10kΩ//10pF |
| | Voltage | 0.8Vp-p min. |
| | Waveform | Clipped Sine Wave (DC-coupled output) |

※電圧制御機能の付き(VC-TCXO)の対応も可能です。当社営業窓口へお問い合わせ下さい。
 特性向上の為、仕様を変更する場合があります。当社営業窓口にて最新の仕様をご確認下さい。

■外形・寸法 [単位:mm]

Top view dimensions: 2.0±0.15 (width), 1.6±0.15 (height). Terminal positions: #1, #2, #3, #4. Marking area is indicated.

Side view dimension: 0.8max (thickness).

Terminal view dimensions: Terminal width 0.6, spacing 0.4, terminal height 0.8. Terminal positions: #1, #2, #3, #4.

Note: A capacitor of value 0.01μF between Vdd and GND is recommended.

| Terminal | Connection |
|----------|------------|
| #1 | GND |
| #2 | GND |
| #3 | OUTPUT |
| #4 | Vcc |