

S4CTF OSCILLATOR



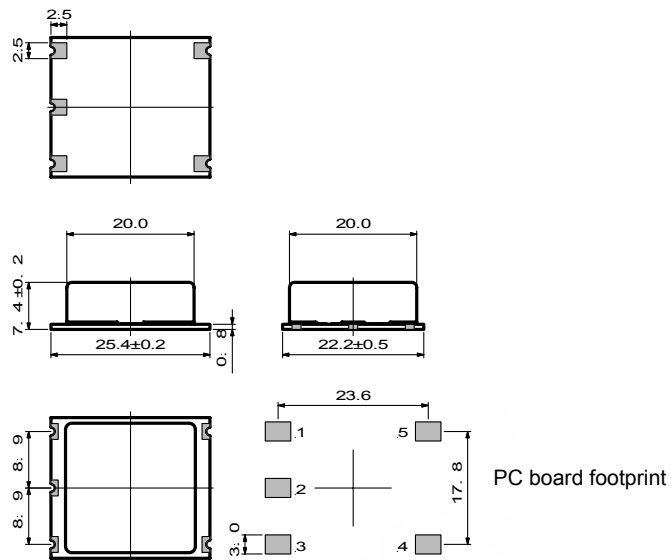
Specifications

| Parameters | Standard | Options |
|--------------------------------|---|-----------------------------|
| Frequency range | 5 MHz - 52 MHz | |
| Logic output | HCMOS/TTL compatible | |
| Frequency stability | | |
| Initial at 25°C | ± 0,5 ppm | |
| Temperature | ± 0,1 ppm 0° to +70°C / ± 0,2 ppm -40° to +85°C | |
| Aging over 1 year | ± 0,5 ppm | |
| Load change ± 10% | ± 0,1 ppm | |
| Voltage change ± 5% | ± 0,1 ppm | |
| Operating temperature | 0° C ~ +70°C | -40°C ~ +85°C |
| Storage temperature | -40°C ~ +85°C | |
| Supply voltage | 5,0 V ± 5% | 3,3 V ± 5% |
| Current | 20 mA max. | 15 mA max. |
| Load | 15 pF or 2 TTL | |
| Rise/fall time | 5 ns max. | |
| Duty cycle | 45 / 55 % | |
| Start-up time | 10 ms max. | |
| Marking | Freq + Code + Week +Year | |
| Voltage Control Options | | |
| External control voltage | + 2,5 VDC ±2,0 VDC (5,0V) | + 1,65 VDC ±1,65 VDC (3,3V) |
| Linearity | ± 10% max. | |
| Frequency tuning range | ± 5 ppm | Other on custom request |

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Specifications

| | | |
|---------|----|--|
| Drawing | | |
| Package | S4 | |



| | | |
|-------------------|--------------|--|
| Pin configuration | #1: NC / Vco | |
| | #2 : NC | |
| | #3 : Vcc | |
| | #4 : Output | |
| | #5 : GND | |