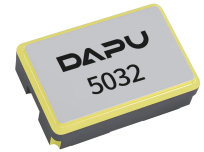


### Features

- Package: 5.0x3.2mm SMD
- Output: Clipped Sine Wave/CMOS
- Low power consumption
- RoHS Compliant.

### Applications

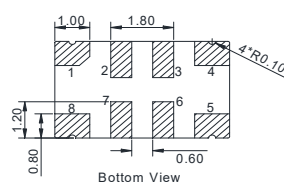
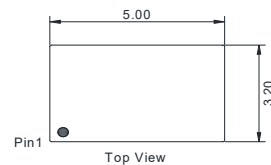
- Communication Hardware
- LTE, BTS
- GPS Tracking with Hold-Over accuracy
- Test & Measurement Equipment
- Point-to-Point communication networks



### Standard Specifications

| Parameter                              | TCXO SMD5032                  |         |
|--|-------------------------------|---------|
| Frequency Range                        | 5~52MHz                       |         |
| Output Waveform                        | Clipped Sine Wave             | CMOS    |
| Frequency Stability vs. Temperature    | ±0.5ppm~0.28ppm               |         |
| Operating Temperature                  | -40~85°C, -40~105°C           |         |
| Frequency Tolerance                    | ±1.0ppm                       |         |
| Frequency Stability vs. Load           | ±0.1ppm (Z <sub>L</sub> ±10%) |         |
| Frequency Stability vs. Supply Voltage | ±0.1ppm (VDD±5%)              |         |
| Load                                   | 10KΩ//10pF                    | 15pF    |
| Current consumption                    | 3mA Max                       | 5mA Max |
| Phase Noise                            | 10MHz: -140dBc/Hz@1kHz(Typ)   |         |
| Start up Time                          | 2ms Max                       |         |
| Supply Voltage                         | 1.8~3.3V (±5%)                |         |
| Control Voltage                        | 1.65±1.0V/1.5±1.0V/0.9±0.9V   |         |
| Frequency Control Range                | ±5~10ppm/±10~15ppm            |         |
| Aging(at 25 °C)                        | ±1ppm/year                    |         |
| Storage Temperature                    | -55~125°C                     |         |

### Dimensions ( Units : mm )



| Pin | Notation | Function                    |
|-----|----------|-----------------------------|
| 1   | NC/VC    | Not Connect/Control Voltage |
| 2、3 | NC       | Not Connect                 |
| 4   | GND      | GND                         |
| 5   | Output   | RF Output                   |
| 6、7 | NC       | Not Connect                 |
| 8   | VCC      | Supply Voltage              |

