

CRYSTAL OSCILLATOR

CMO5032 SERIES



Features

- External dimensions:5.0×3.2×1.2mm
- Frequency range :1~125MHz
- High precision characteristic covering up to high frequency range
- Low jitter and tight stability with fundamental or overtone design
- Low power standby mode,Output Tri-state function
- Rohs compliant/Pb Free
- Applications for Blue tooth,GPS,Ethernet,Fiber channel etc.



Specifications

| Item/Type | CMO5032 |
|---|---------------------------|
| Frequency Range | 1~125MHz |
| Vibration Mode | AT Fundamental |
| Frequency Stability | ± 20ppm to ± 50ppm |
| Supply Voltage | 1.8V to 5V |
| Load Capacitance | 15pF |
| Current Consumption (5V 15PF only) | 1 to 35.999MHz=25mA Max. |
| | 36 to 69.999MHz=60mA Max. |
| | 70 to 150MHz=80mA Max. |
| Current Consumption (1.8~3.3V 15PF only) | 1 to 35.999MHz=20mA Max. |
| | 36 to 69.999MHz=40mA Max. |
| | 70 to 150MHz=60mA Max. |
| Operating Temperature | -40~+85℃ ,or specify |
| Storage Temperature | -55~+125℃ ,or specify |
| Rise(Tr)/Fall (Tf) Time | 5nS Max. |
| Symmetry(Duty Cycle) | 40/60 Standard |

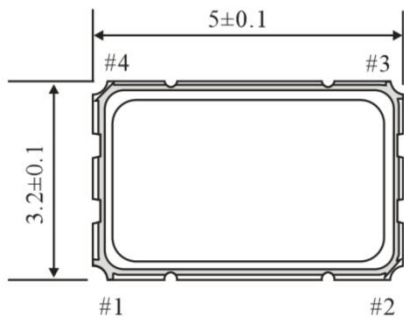
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Dimensions

(Unit:mm)



| PIN | FUNCTION |
|-----|----------|
| 1 | T/S |
| 2 | GND |
| 3 | OUT |
| 4 | VDD |

T/S: Tri-state, PIN 1 connected to VDD or floating, the product is working properly; connected to GND, stops working

