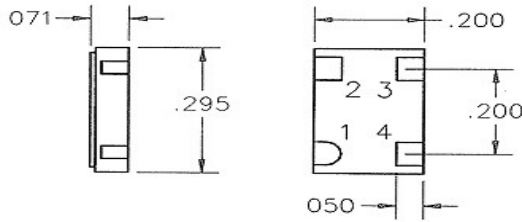


Oscillator, Ceramic SMD

| DATA SHEET | |
|---|--|
| Part Number | A100 |
| Frequency Range | 1.500MHz ~ 75.000MHz |
| Frequency Stability* | ±100PPM Standard (See Option Table) |
| Operating Temperature Range | -10°C ~ 60°C Standard (See Option Table) |
| Supply Voltage (Vcc) | +5.0VDC ± 10% |
| Current Consumption | 15mA < 20MHz, 50mA > 20MHz |
| Output Levels (HCMOS) | Voh = Vcc - .25V Min, Vol = 0.5V Max |
| Rise Time (Tr) 10% to 90% of Vcc | 5nS Max |
| Fall Time (Tr) 90% to 10% of Vcc | 5nS Max |
| Output Symmetry | 50 ± 10% measured at 1/2Vcc |
| Output Load | 50pF HCMOS |
| Storage Temperature | --40°C ~ 125°C |
| Tri-State (input pin 1) | Output Active 4.0V Min Output High Z 0.8V Max |
| Packaging | Bulk Standard, Option (-TR) Tape & Reel |
| *Inclusive of calibration, temperature, supply, load and aging. | |

OUTLINE DRAWING

| Pin Connection | |
|----------------|-----------------|
| 1 | N/C (Tri-State) |
| 2 | GND |
| 3 | Output |
| 4 | + Vcc |



.061" Thickness Available
Contact factory for details

PART NUMBER TABLE

| Option Code | Specification |
|-------------|-----------------------------|
| A | Symmetry 50±5% |
| B | Operating Temp -15°C ~ 75°C |
| C | Stability ±50PPM |
| C1 | Stability ±25PPM |
| C2 | Stability ±10PPM |
| D | Output Tri-State |
| E | Internal bypass capacitor |

Part Number Generation

A100 • Option Code • Frequency • Packaging
ex: A100A-12.800M-TR
(±100ppm, 45/55 Symm, -10°C ~ +60°C, Tape & Reel)

Please contact factory for suctom specifications