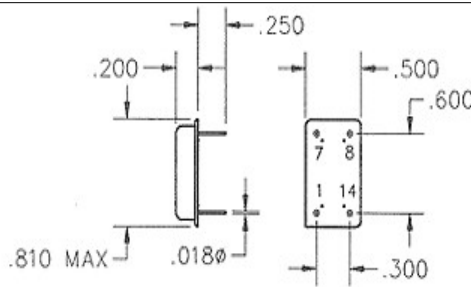


Oscillator, 14 Pin Dip

| DATA SHEET | |
|--|--|
| Part Number | A103 |
| Frequency Range | 1.500MHz ~ 160.000MHz |
| 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 < 20M, 50mA > 20M |
| Output Levels (HCMOS) | Voh = Vcc - .25V Min, Vol = 0.5V Max |
| Rise Time (Tr) 10% to 90% of Vcc | 8nS Max |
| Fall Time (Tr) 90% to 10% of Vcc | 8nS 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 |
| Aging | ±3.0ppm / year |
| Packaging | 25 pcs Tube, 200pc Box |
| *Inclusive of calibration, temperature, supply and load. | |

OUTLINE DRAWING

| Pin Connection | |
|----------------|-----------------|
| 1 | N/C (Tri-State) |
| 7 | GND |
| 8 | Output |
| 14 | + 5V |



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 |
| F | Lead Configuration Gull Wing |

Part Number Generation

A103 • Option Code • Frequency • Packaging
ex: A103A-12.800M-TR
(±100ppm, 45/55 Symm, -10°C ~ +60°C)

Please contact factory for custom specifications