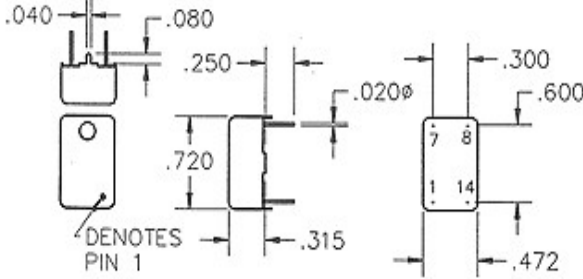


Oscillator, Full Sine Output

| DATA SHEET | | | | | | | | | | | |
|--|--|---------------|---|-------------------|----|-------------------|----|-------------------|--|-------|---|
| Part Number | FS200 | | | | | | | | | | |
| Frequency Range | 5.000MHz ~ 70.000MHz | | | | | | | | | | |
| Frequency Stability* | ±100PPM Standard (See Option Table) | | | | | | | | | | |
| Operating Temperature Range | 0°C ~ 70°C Std | | | | | | | | | | |
| Supply Voltage (Vcc) | +12VDC ± 5% | | | | | | | | | | |
| Current Consumption | 20mA Max | | | | | | | | | | |
| Output Wave Form | Sine | | | | | | | | | | |
| Output Load | 50Ω | | | | | | | | | | |
| Output Amplitude | 7dBm | | | | | | | | | | |
| Aging per year | ±3.0PPM Max | | | | | | | | | | |
| Storage Temperature | -40°C ~ 85°C | | | | | | | | | | |
| Frequency Adjustment | ±100PPM Min ≤ 30MHz No Adjustment ≥ 30.1MHz (contact factory) | | | | | | | | | | |
| Control Voltage | OVDC ±5V | | | | | | | | | | |
| OUTLINE DRAWING | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th colspan="2">Pin Connection</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>N/C (Tri-State)</td> </tr> <tr> <td>7</td> <td>GND</td> </tr> <tr> <td>8</td> <td>Output</td> </tr> <tr> <td>14</td> <td>+ Vcc</td> </tr> </tbody> </table> | Pin Connection | | 1 | N/C (Tri-State) | 7 | GND | 8 | Output | 14 | + Vcc |  |
| Pin Connection | | | | | | | | | | | |
| 1 | N/C (Tri-State) | | | | | | | | | | |
| 7 | GND | | | | | | | | | | |
| 8 | Output | | | | | | | | | | |
| 14 | + Vcc | | | | | | | | | | |
| PART NUMBER TABLE | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Option Code</th> <th>Specification</th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Stability ±50 PPM</td> </tr> <tr> <td>C1</td> <td>Stability ±25 PPM</td> </tr> <tr> <td>C2</td> <td>Stability ±10 PPM</td> </tr> </tbody> </table> | Option Code | Specification | C | Stability ±50 PPM | C1 | Stability ±25 PPM | C2 | Stability ±10 PPM | <p>Part Number Generation</p> <p>FS200 · Option Code · Frequency ex: FS200C-10.000M (±50ppm stability, 0°C ~ +70°C)</p> <p>Please contact factory for custom specifications</p> | | |
| Option Code | Specification | | | | | | | | | | |
| C | Stability ±50 PPM | | | | | | | | | | |
| C1 | Stability ±25 PPM | | | | | | | | | | |
| C2 | Stability ±10 PPM | | | | | | | | | | |