OUTPUT
Frequency
80 MHz
Level
+13 dBm ±2 dBm into 50 ohms

STABILITY
Aging
1 x 10^-6 per year
after 30 days operating, typical

Phase Noise L(f)
100 Hz -132 dBC
1 KHz -160 dBC
10 KHz -176 dBC
20 KHz -176 dBC

Temperature Stability
±1 x 10^-7, 0° to +50°C (Ref +25°C)

MECHANICAL
Dimensions
1.75 x 2.94 x 1"

Connectors
SMA and solder pins on side

Packaging
Solder sealed steel can

POWER REQUIREMENTS
Warm-Up Power
5 Watts for 5 minutes

Total Power
2.5 Watts at +25°C

Supply Voltage
+15 VDC

ADJUSTMENT
Mechanical Tuning
±4 x 10^-6

Electrical Tuning
±2 x 10^-7, ±5 VDC
Negative slope

CRYSTAL
Type
80 MHz SC-cut

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Wenzel Associates, Inc.
Austin, Texas

Title:
Premium 80 MHz-SC Ultra Low Noise Crystal Osc.

P/N: 501-16841
Rev: -  Date: 11-14-06
Drawn: YR
Ref: 62821

Tolerances:
(except as noted) Dimensions are in inches
0.XX Dec: ±0.030"
0.XXX Dec: ±0.010"
FSCM: 62821

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