

F1100C Series

4 pin DIP FR-4, 5.0 Volt, CMOS/TTL, Clock Oscillator

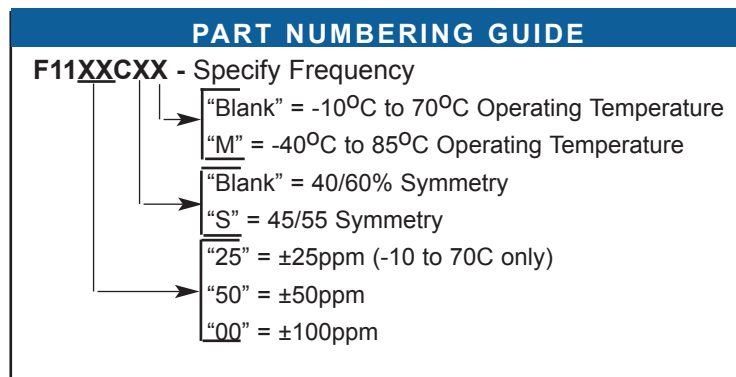
- ♦ FR-4 Based SMT
- ♦ 65MHz to 105MHz Frequency Range
- ♦ -10°C to 70°C Operating Temperature
"M" Models Operate from -40°C to 85°C
- ♦ 40/60% Symmetry Standard
45/55% Available



OBSOLETE

- ♦ Hermetically Sealed Crystal for Predictable Long Term Aging & Reliability
- ♦ Tri-State Output Standard

ELECTRICAL SPECIFICATIONS	
MODEL	F1100C
Frequency Range (MHz)	65 to 105
Frequency Stability (ppm)	
Overall	Inclusive of calibration, temperature, voltage, load, shock, vibration, aging
-10°C to 70°C	±100
Temperature Range (°C)	
Operating	-40°C to +85°C
Storage	-40°C to +85°C
Supply Voltage (V)	+5.0 ±5%
Supply Current (mA)	<30
Output Specifications	
Output	CMOS
"0" Level (V _{OL})	0.9 V _{CC}
"1" Level (V _{OH})	0.1 V _{CC}
Load	15pF
T _R & T _F (ns)	<3 (20 - 80% V _{CC})
Symmetry (%)	40/60 @ 0.5V _{CC}
Jitter (Typical)	5ps RMS @ 100MHz
Start up Time (ms)	<10



MtronPTI reserves the right to make changes to the product(s) and service(s) described herein without notice. No liability is assumed as a result of their use or application.

Please see www.mtronpti.com for our complete offering and detailed datasheets. Contact us for your application specific requirements: MtronPTI 1-800-762-8800.

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Revision: 03-01-07

MtronPTI Lead Free Solder Profile

