



*The following section contains General Information about the Data Book*



**ENVIRONMENTAL TEST CAPABILITY**

OFC has the capability to perform the following tests in our in-house environmental test facility.

TEST	MIL-STD-202		MIL-STD-883	
	METHOD	TEST CONDITION	METHOD	TEST CONDITION
Salt Spray	101	A,B	1019	A,B,C,D
Temperature Cycling	102	C	1010	A,B,C
Humidity	103	A,B		
Immersion (Seal)	104	A,B,C	1002	A,B,C
Moisture Resistance	106		1004	
Thermal Shock	107	ALL	1011	ALL
Life	108	A,B,C,D		
Seal	112	ALL	1014	A,C
Vibration, Sine	201			
Vibration, Sine	204	ALL	2007	A,B,C
Radiographic (X-ray)	209		2012	
Acceleration	212	A,B,C	2001	A,B,C,D,E,F
Shock	213	ALL	2002	A,B
Random Vibration	214	ALL		
PIND			2020	A,B
Solderability w/Steam Age	208		2003	
Barometric Pressure	105	A,B,C		
Resistance to Soldering Heat				

## QUALITY CODES

- 1 – Government Source Inspection
- 2 – Customer Final Inspection
- 3 – Certificate of Conformance
- 4 – Certificate of Compliance
- 5 – Test Data Required with Shipment
- 6 – Customer In-Process Inspection
- 7 – Bar Code Label Required
- 8 – Homogeneous Lot of Material Required
- 9 – E.S.D. Packaging Required (Crystal Filter)
- A – Certificate of Solderability
- B – Lead Tinning Required
- C – Solderability Testing Required
- D – Special Packaging Requirement
- E – Single Sales Order per Shipping Container
- F – Customer Approval Required
- G – MIL-STD-2000 Workmanship
- H – Special Quality Requirements
- J – Special Certificate Required
- K – PIND Testing Required
- L – Special Marking Requirements
- M – Group A Testing Required
- N – Group B Testing Required
- P – Group C Testing Required
- Q – No Partial Shipments per Line Item
- R – No Partial Shipments per Order
- S – One Lot Date Code per Shipment
- T – MIL-H-38534 - Group A Inspection
- U – MIL-H-38534 - Group B Inspection
- V – MIL-H-38534 - Group C Inspection
- W – MIL-H-38534 - Group D Inspection
- X – Class S Screening Required
- Y – One Lot Date Code for Complete Order Quality
- Z – Tape and Reel Packaging Required

**GENERAL INFORMATION**  
**Oscillator Specification Form**



Customer Name \_\_\_\_\_ Company \_\_\_\_\_  
 Phone \_\_\_\_\_ Fax \_\_\_\_\_ E-mail \_\_\_\_\_

**Oscillator Type** \_\_\_\_\_ **Allan Variance** \_\_\_\_\_  
 Clock, TCXO, OCXO, VCXO, Other \_\_\_\_\_  
 Similar to \_\_\_\_\_

**Voltage - Current - Power** \_\_\_\_\_

Oscillator \_\_\_\_\_ V@ \_\_\_\_\_ mA \_\_\_\_\_ **Environmental**  
 Oven \_\_\_\_\_ V@ \_\_\_\_\_ mA (steady state) \_\_\_\_\_  
 \_\_\_\_\_ mA (turn-on) \_\_\_\_\_  
 Warm-up time \_\_\_\_\_ Minutes \_\_\_\_\_  
 Temperature Range \_\_\_\_\_  
 Shock \_\_\_\_\_  
 Vibration \_\_\_\_\_  
 Acceleration \_\_\_\_\_  
 Other \_\_\_\_\_

**Frequency Stability** \_\_\_\_\_  
 Freq. vs. Temp. \_\_\_\_\_  
 Aging \_\_\_\_\_ MIL-PRF-55310 Yes \_\_\_\_\_ No \_\_\_\_\_  
 Load Variation \_\_\_\_\_  
 Supply Variation \_\_\_\_\_

Initial Set Tolerance @ 25 °C \_\_\_\_\_ **Application & Quantity**  
 Overall \_\_\_\_\_ Commercial Military Space

**Output** \_\_\_\_\_

Frequency \_\_\_\_\_  
 Squarewave TTL, CMOS, AC MOS, HCMOS, ECL \_\_\_\_\_  
 Sinewave \_\_\_\_\_ **Parts/Reliability Requirements**  
 Harmonics (Sub) \_\_\_\_\_  
 Spurious \_\_\_\_\_  
 Other \_\_\_\_\_

**Mechanical Trim and/or EFC** \_\_\_\_\_ **Mechanical**

Trim Range \_\_\_\_\_ Size \_\_\_\_\_  
 Voltage Control \_\_\_\_\_ Mounting Methods \_\_\_\_\_  
 Reference Voltage \_\_\_\_\_ Connectors (Power/RF) \_\_\_\_\_

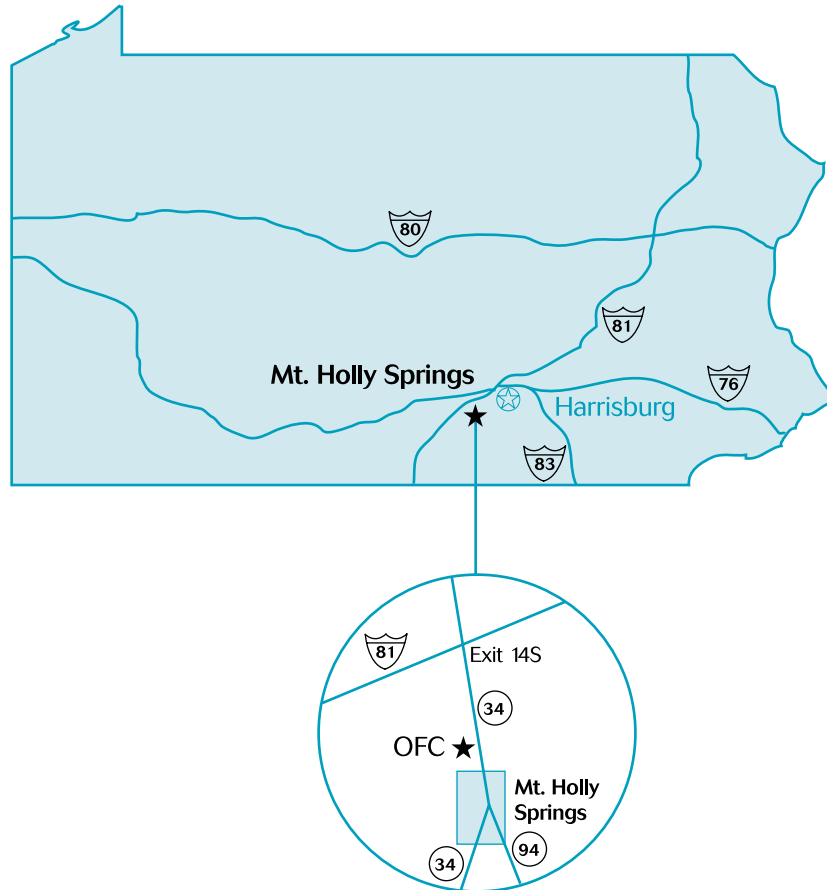
Linearity \_\_\_\_\_ **Other Requirements**  
 Other \_\_\_\_\_

Phase Noise \_\_\_\_\_ Enable/Disable Yes \_\_\_\_\_ No \_\_\_\_\_  
 BIT Yes \_\_\_\_\_ No \_\_\_\_\_

Terms and Conditions: Net 30 with Approved Credit F.O.B. Mount Holly Springs, PA FSCM/Cage Code: 00136

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**Directions to Mt. Holly Springs, PA Facility**



**From Harrisburg International Airport**

Airport Access Road to 283W to 76W (PA Turnpike) to Exit 16 (Carlisle) to 11N to 81S to 34S to Mount Holly Springs. Look for black water tower on RH side of road. Turn right on Watts Street, 50 yards to OFC building on right.

**From Baltimore–Washington International Airport**

Airport exit to 195W to 95N to 695W to 83N to 76W (PA Turnpike) to Exit 16 (Carlisle) 11N to 81S to 34S to Mount Holly Springs. Look for black water tower on RH side of road. Turn right on Watts Street, 50 yards to OFC building on right.

**From Dulles International Airport**

Airport exit to 28N to 7W to 15N to 94N to 34N to Mt. Holly Springs. Pass under RR bridge and turn left on Watts Street, 50 yards to OFC building on right.

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