



QUALIFICATIONS VALIDATED
EVERY 24 MONTHS

QPL-55310-65
29 August 2002
SUPERSEDING
QPL-55310-64
17 April 2000

QUALIFIED PRODUCTS LIST
OF
PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION

MIL-PRF-55310

OSCILLATOR, CRYSTAL CONTROLLED,

GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-PRF-55310. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE U.S. ARMY COMMUNICATIONS-ELECTRONICS COMMAND AND FORT MONMOUTH. The activity designated as agent for all contacts relative to this QPL is the Defense Supply Center Columbus (DSCC-VQ), Columbus, OH 43216-5000.

NOTE: * PLUS (+) FREQUENCY TO BE ADDED TO ALL M55310 PART NUMBERS.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
PART I				
* M55310/8-B03A thru -09A (375K0000 - 50M00000)	M55310/8-B03A thru -09A + Frequency	55310-081-97	/8	Corning Frequency Control
* M55310/8-B01 thru -10A (50H00000 - 50M00000)	M55310/8-B01 thru -10A + Frequency	55310-1089-78	/8	Q-TECH Corp.
* M55310/8-B08 thru -09A (20M00000 - 50M00000)	C0402 + Frequency	55310-52-82 55310-53-82 55310-54-82	/8	Vectron International Norwalk, Inc.
* M55310/8-B01 thru -10A (100H0000 - 50M00000)	XM 8 + Frequency	55310-1601-85	/8	Xsis Electronics, Inc.
* M55310/9-B01 thru -21A (400K0000 - 60M00000)	MC717A1-058 MC717A1-062	55310-48-95 55310-49-95	/9	Corning Frequency Control
* M55310/9-B01 thru -25A (400K0000 - 60M00000)	M55310/9-B01 thru -25A + Frequency	55310-1089-78 55310-155-95 55310-005-99	/9	Q-TECH Corp.
* M55310/10-B01 thru -37A (1K000000 - 30M00000)	M55310/B10-01 thru -37A + Frequency	55310-25-79	/10	Corning Frequency Control
* M55310/10-B01 thru -37A (1K000000 - 60M00000)	M55310/10-B01 thru -37A + Frequency	55310-1089-78 55310-188-95 55310-006-99	/10	Q-TECH Corp.
* M55310/11-B01 thru -06A (50K00000 - 10M00000)	M55310/11-B01 thru -06A + Frequency	55310-1089-78	/11	Q-TECH Corp.
* M55310/11-B01 thru -06A (50K00000 - 10M00000)	XM 11 + Frequency	55310-1601-85	/11	Xsis Electronics, Inc.

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* M55310/12-B01 thru -06A (50K00000 - 10M00000)	M55310/12-B01 thru -06A + Frequency	55310-1089-78	/12	Q-TECH Corp.
* M55310/13-B01 thru -06A (300H00000 - 10M00000)	M55310/13-B01 thru -06A + Frequency	55310-1089-78	/13	Q-TECH Corp.
* M55310/14-B04A thru -09A (375K00000 - 25M00000)	M55310/14-B04A thru -09A + Frequency	55310-25-79	/14	Corning Frequency Control
* M55310/14-B01 thru -09A (H1000000 - 25M00000)	M55310/14-B01 thru -09A + Frequency	55310-1089-78	/14	Q-TECH Corp.
* M55310/14-B01 thru -09A (100H00000 - 25M00000)	XM 14 + Frequency	55310-1601-85	/14	Xsis Electronics, Inc.
* M55310/15-B01 thru -07A (H0100000 - 10M00000)	M55310/15-B01 thru -07A + Frequency	55310-1078-78	/15	Q-TECH Corp.
* M55310/15-B01 thru -07A (30H00000 - 10M00000)	M55310/15-B01 thru -07A + Frequency	55310-1601-85	/15	Xsis Electronics, Inc.
* M55310/16-B01 thru -44A (H1000000 - 80M00000)	M55310/16-B01 thru -44A + Frequency	55310-25-79	/16	Corning Frequency Control
* M55310/16-B01 thru -44A (H1000000 - 80M00000)	M55310/16-B01 thru -44A + Frequency	55310-1089-78 55310-132-95	/16	Q-TECH Corp.
* M55310/16-B01 thru -44A (H1000000 - 60M00000)	CO-402F-5 + Frequency	55310-52-82 55310-53-82 55310-54-82	/16	Vectron International Norwalk, Inc.
* M55310/16-S11 thru -44B (16K00000 - 60M00000)	CO402D-25	55310-6-86	/16	Vectron International Norwalk, Inc.
* M55310/16-B01 thru -44A (100H00000 - 60M00000)	XM 16 + Frequency	55310-1601-85	/16	Xsis Electronics, Inc.
* M55310/17-B01 thru -24A (250K00000 - 50M00000)	M55310/B17-01 thru -24A + Frequency	55310-25-79 55310-308-81	/17	Corning Frequency Control
* M55310/17-B01 thru -24A (250K00000 - 50M00000)	M55310/17-B01 thru -24A + Frequency	55310-1228-83	/17	Q-Tech Corp.
* M55310/17-B01 thru -24A (250K00000 - 50M00000)	XM17-B11A + Frequency	55310-1601-85	/17	Xsis Electronics, Inc.
* M55310/18-B01 thru -42A (H1000000 - 15M00000)	M55310/B18-01 thru -42A + Frequency	55310-183-83	/18	Corning Frequency Control
* M55310/18-B01 thru -42A (H0100000 - 15M00000)	M55310/18-B01 thru -42A + Frequency	55310-1229-83	/18	Q-Tech Corp.
* M55310/18-B01 thru -42A (H1000000 - 15M00000)	CO-412A + Frequency	55310-288-83	/18	Vectron International Norwalk, Inc.
* M55310/18-B01 thru -42A (5H2500000 - 15M00000)	XM18-B01A + Frequency	55310-1601-85	/18	Xsis Electronics, Inc.

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* M55310/19-B01 thru -22A (1M000000 - 60M00000)	M55310/19-B01 thru -22A + Frequency	55310-69-95	/19	Corning Frequency Control
* M55310/19-B01 thru -23A (1M000000 - 60M00000)	M55310/19-B01 thru -23A + Frequency	55310-384-89 55310-67-95	/19	Q-Tech Corp.
* M55310/19-B01 thru -23A (1M000000 - 60M00000)	XM19-B01A + Frequency	55310-889-87	/19	Xsis Electronics, Inc.
* M55310/20-B01A (1M000000 - 14M00000)	M55310/20-B01A + Frequency	55310-313-89	/20 (USAF)	Corning Frequency Control
* M55310/20-B02 thru -03A (1M000000 - 14M00000)	M55310/20-B02 thru -03A + Frequency	55310-184-83	/20 (USAF)	Corning Frequency Control
* M55310/20-B11A (14M00000 - 30M00000)	M55310/20-B11A + Frequency	55310-313-89	/20 (USAF)	Corning Frequency Control
* M55310/20-B12 thru -13A (14M00000 - 30M00000)	M55310/20-B12 thru -13A + Frequency	55310-184-83	/20 (USAF)	Corning Frequency Control
* M55310/20-B21A (30M00000 - 60M00000)	M55310/20-B21A + Frequency	55310-313-89	/20 (USAF)	Corning Frequency Control
* M55310/20-B22 thru -23A (30M00000 - 60M00000)	M55310/20-B22 thru -23A + Frequency	55310-184-83	/20 (USAF)	Corning Frequency Control
* M55310/20-B01 thru -23A (40K00000 - 60M00000)	M55310/20-B01 thru -23A + Frequency	55310-385-89	/20 (USAF)	Q-Tech Corp.
* M55310/21-B01A thru -B23A (1M000000 - 60M00000)	MC061A1-029 MC061A1-030 MC061A1-031 MC061A1-032	55310-86-95	/21	Corning Frequency Control
* M55310/21-B01A thru -B41A (1M000000 - 60M00000)	M55310/21-B01A thru -B41A + Frequency	55310-013-00	/21	Q-Tech Corp.
* M55310/25-B06 thru -37A (40M00000 - 125M00000)	MC771A1-060 MC771A1-061 MC771A1-062 MC770A1-005 MC770A1-006 MC770A1-007	55310-135-92	/25	Corning Frequency Control
(NOTE: Configurations A and B)				
* M55310/25-B02A thru -75A (25M00000 - 175M00000)	M55310/25-B02A thru -75A + Frequency	55310-74-95	/25	Q-Tech Corp.
(NOTE: Configurations A and B)				
* M55310/25-B02 thru -75A (25M00000 - 175M00000)	C0432D-2B	55310-209-91	/25	Vectron International Norwalk, Inc.
(NOTE: Configurations A and B)				

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PART I

* M55310/26-B02A thru -67A (10K00000 - 65M00000) (NOTE: Configurations A and B)	MC748A1-043 MC748A1-044 MC748A1-046	55310-008-94 55310-009-94 55310-010-94	/26	Corning Frequency Control
* M55310/26-B02A thru -67A (10K00000 - 65M00000) (NOTE: Configurations A and B)	M55310/26-B02A thru -67A + Frequency	55310-12-92 55310-133-95	/26	Q-Tech Corp.
* M55310/26-B02 thru -67A (10K00000 - 65M00000) (NOTE: Configurations A and B)	C0442D-2B	55310-210-91	/26	Vectron International Norwalk, Inc.
* M55310/26-B02A thru -66A (10K00000 - 65M00000) (NOTE: Configurations A and B)	XM26B02A 10K00000 thru XM26B67A 65M00000	55310-017-97	/26	Xsis Electronics, Inc.
* M55310/27-B01A thru -34A (1M000000 - 85M00000)	M55310/27-B01A thru -34A + Frequency	55310-164-98	/27	Corning Frequency Control
* M55310/27-B01A thru -B31A (1M000000 - 85M00000)	M55310/21-B01A thru -B41A + Frequency	55310-028-00	/27	Q-Tech Corp.
* M55310/28-B01A thru -34A (1M000000 - 85M00000)	M55310/28-B01A thru-34A + Frequency	55310-165-98	/28	Corning Frequency Control
* M55310/28-B01A thru -B31A (1M000000 - 85M00000)	M55310/28-B01A thru -B31A + Frequency	55310-029-00	/28	Q-Tech Corp.
* M55310/29-B01A thru -B41A (200K0000 - 85M00000)	M55310/29-B01A thru -B41A + Frequency	55310-030-00	/29	Q-Tech Corp.

PART II

The products listed herein are reciprocal based on the NATO Standardization Agreement (STANAG) 4093 or International Standardization Agreements.

These devices are listed in the Qualified Products List of the concerned nation and according to the qualifying authority of that nation, the devices meet the requirements for such listing. The products were completely manufactured, assembled and tested in the concerned nation in accordance with the requirements of that nation. No review has been made by our qualifying activity of the manufacturing or test facilities or test report. Furthermore, no determination of equivalency has been conducted.

NOTE: No devices listed are to be JAN branded, but should be marked with the appropriate national part numbers and identifiers, as applicable.

NATIONAL DEVICE SPECIFICATION	NATIONAL DEVICE SPECIFI- CATION PART NUMBER	NATIONAL QPL	TEST REPORT NUMBER	MANUFACTURER'S NAME AND ADDRESS
BS 9625 F0017	SQ0 2100 SQ0 2200 SQ0 2300 SQ0 2500 SQ0 2600 SQ0 2700	Def Stan 59-59 Sect 11A, Page 2	8289-2, Dtd 4-12-89	CMAC Quartz Crystals 20-22 Edinburgh Way Harlow, Essex CM20 2DE England

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE
Corning Frequency Control 100 Watts Street Mt. Holly Springs, PA 17065-1821 Plant: Same Address	00136
Q-TECH Corporation 10150 W. Jefferson Boulevard Culver City, CA 90232-3510 Plant: Same Address	51774
Vectron International Norwalk, Inc. 166 Glover Avenue Norwalk, CT 06856-5160 Plant: Same Address	27808
Xsis Electronics, Inc. 12620 West 63rd Street, Suite 200 Shawnee, KS 66216 Plant: Same Address	57051