

QUALIFIED PRODUCTS LIST
 OF
 PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION
 MIL-PRF-3098
 CRYSTAL UNITS, QUARTZ,
 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-3098. 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 DLA Land and Maritime-VQ, Columbus, OH 43218-3990.

NOTE: * PLUS (+) FREQUENCY TO BE ADDED TO ALL M3098 PART NUMBERS.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
*CR5B/U 2MHz thru 10MHz	CR5B/U 2MHz thru 10MHz	3098-35-71	/77	Bliley Technologies, Inc.
*CR5B/U 2MHz thru 10MHz	CR5B/U 2MHz thru 10MHz	QA-118/ALD3, 11 Dec 1967	/77	Croven Crystals
*CR5B/U 2MHz thru 10MHz	CR5B/U 2MHz thru 10MHz	3098-654-67	/77	M-tron Industries, Inc.
*CR5B/U 2MHz thru 10MHz	CR5B/U 2MHz thru 10MHz	3098-481-82	/77	Valpey-Fisher Corp.
*CR6B/U 2MHz thru 10MHz	CR6B/U 2MHz thru 10MHz	3098-35-71	/78	Bliley Technologies, Inc.
*CR6B/U 2MHz thru 10MHz	CR6B/U 2MHz thru 10MHz	QA-118-ALD3, 11 Dec 1967	/78	Croven Crystals
*CR6B/U 2MHz thru 10MHz	CR6B/U 2MHz thru 10MHz	3098-654-67	/78	M-tron Industries, Inc.
*CR6B/U 2MHz thru 10MHz	CR6B/U 2MHz thru 10MHz	3098-481-82	/78	Valpey-Fisher Corp.
*CR8B/U 1MHz thru 10MHz	CR8B/U 1MHz thru 10MHz	3098-35-71	/111	Bliley Technologies, Inc.
*CR8B/U 1MHz thru 10MHz	CR8B/U 1MHz thru 10MHz	QA-118/ALD3, 11 Dec 1967	/111	Croven Crystals
*CR8B/U 1MHz thru 10MHz	CR8B/U 1MHz thru 10MHz	3098-654-67	/111	M-tron Industries, Inc.
*CR8B/U 1MHz thru 10MHz	CR8B/U 1MHz thru 10MHz	3098-481-82	/111	Valpey-Fisher Corp.
*CR18B/U 920KHz thru 20MHz	CR18B/U 920KHz thru 20MHz	3098-35-71	/3	Bliley Technologies, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
*CR18B/U 1MHz thru 20MHz	CR18B/U 1MHz thru 20MHz	QA-118/ALD3, 11 Dec 1967	/3	Croven Crystals
*CR18B/U 1MHz thru 20MHz	CR18B/U 1MHz thru 20MHz	3098-411-03	/3	Inficon EDC, Inc.
*CR18B/U 1MHz thru 20MHz	CR18B/U 1MHz thru 20MHz	3098-654-67	/3	M-tron Industries, Inc.
*CR18B/U 800KHz thru 20MHz	CR18B/U 800KHz thru 20MHz	3098-481-82	/3	Valpey-Fisher Corp.
*CR19B/U 920KHz thru 20MHz	CR19B/U 920KHz thru 20MHz	3098-35-71	/4	Bliley Technologies, Inc.
*CR19B/U 1MHz thru 20MHz	CR19B/U 1MHz thru 20MHz	QA-118/ALD3, 11 Dec 1967	/4	Croven Crystals
*CR19B/U 1MHz thru 20MHz	CR19B/U 1MHz thru 20MHz	3098-411-03	/4	Inficon EDC, Inc.
*CR19B/U 1MHz thru 20MHz	CR19B/U 1MHz thru 20MHz	3098-654-67	/4	M-tron Industries, Inc.
*CR19B/U 800KHz thru 20MHz	CR19B/U 800KHz thru 20MHz	3098-481-82	/4	Valpey-Fisher Corp.
*CR25B/U 200KHz thru 555KHz	CR25B/U 200KHz thru 555KHz	3098-34-71	/7	Bliley Technologies, Inc.
*CR26B/U 200KHz thru 500KHz	CR26B/U 200KHz thru 500KHz	3098-32-71	/8	Bliley Technologies, Inc.
*CR27B/U 920KHz thru 20MHz	CR27B/U 920KHz thru 20MHz	3098-33-71	/9	Bliley Technologies, Inc.
*CR27B/U 1MHz thru 20MHz	CR27B/U 1MHz thru 20MHz	3098-411-03	/9	Inficon EDC, Inc.
*CR27B/U 1MHz thru 20MHz	CR27B/U 1MHz thru 20MHz	3098-655-67	/9	M-tron Industries, Inc.
*CR27B/U 800KHz thru 20MHz	CR27B/U 800KHz thru 20MHz	3098-481-82	/9	Valpey-Fisher Corp.
*CR28B/U 920KHz thru 20MHz	CR28B/U 920KHz thru 20MHz	3098-33-71	/10	Bliley Technologies, Inc.
*CR28B/U 1MHz thru 20MHz	CR28B/U 1MHz thru 20MHz	3098-411-03	/10	Inficon EDC, Inc.
*CR28B/U 1MHz thru 20MHz	CR28B/U 1MHz thru 20MHz	3098-655-67	/10	M-tron Industries, Inc.
*CR28B/U 800KHz thru 20MHz	CR28B/U 800KHz thru 20MHz	3098-481-82	/10	Valpey-Fisher Corp.
*CR33B/U 10MHz thru 30MHz	CR33B/U 10MHz thru 30MHz	3098-512-78	/14	Bliley Technologies, Inc.
*CR35B/U 920KHz thru 20MHz	CR35B/U 920KHz thru 20MHz	3098-33-71	/15	Bliley Technologies, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
*CR35B/U 1MHz thru 20MHz	CR35B/U 1MHz thru 20MHz	3098-655-67	/15	M-tron Industries, Inc.
*CR35B/U 800KHz thru 20MHz	CR35B/U 800KHz thru 20MHz	3098-481-82	/15	Valpey-Fisher Corp.
*CR36B/U 920KHz thru 20MHz	CR36B/U 920KHz thru 20MHz	3098-33-71	/16	Bliley Technologies, Inc.
*CR36B/U 1MHz thru 20MHz	CR36B/U 1MHz thru 20MHz	3098-655-67	/16	M-tron Industries, Inc.
*CR36B/U 800KHz thru 20MHz	CR36B/U 800KHz thru 20MHz	3098-481-82	/16	Valpey-Fisher Corp.
*CR37B/U 90KHz thru 250KHz	CR37B/U 90KHz thru 250KHz	3098-29-71	/17	Bliley Technologies, Inc.
*CR42B/U 90KHz thru 250KHz	CR42B/U 90KHz thru 250KHz	3098-30-71	/21	Bliley Technologies, Inc.
*CR45B/U 455KHz thru	CR45B/U 455KHz thru	3098-31-71	/24	Bliley Technologies, Inc.
*CR46BB/U 200KHz thru 550KHz	CR46BB/U 200KHz thru 550KHz	3098-34-71	/25	Bliley Technologies, Inc.
*CR47B/U 190KHz thru 500KHz	CR47B/U 190KHz thru 500KHz	3098-32-71	/26	Bliley Technologies, Inc.
*CR52B/U 15MHz thru 61MHz	CR52B/U 15MHz thru 61MHz	QA-152/D3, 22 Apr 1968	/30	Croven Crystals
*CR52B/U 10MHz thru 61MHz	CR52B/U 10MHz thru 61MHz	3098-833-67	/30	M-tron Industries, Inc.
*CR54B/U 50MHz thru 125MHz	CR54B/U 50MHz thru 125MHz	3098-479-82	/32	Valpey-Fisher Corp.
*CR55B/U 24MHz thru 62MHz	CR55B/U 24MHz thru 62MHz	QA-277/LD3, 4 Jan 1968	/33	Croven Crystals
*CR55B/U 18MHz thru 61MHz	CR55B/U 18MHz thru 61MHz	3098-154-84; 3098-815-67	/33	Inficon EDC, Inc.
*CR55B/U 17MHz thru 61MHz	CR55B/U 17MHz thru 61MHz	3098-280-73	/33	M-tron Industries, Inc.
*CR55B/U 17MHz thru 62MHz	CR55B/U 17MHz thru 62MHz	3098-484-82	/33	Valpey-Fisher Corp.
*CR56B/U 50MHz thru 125MHz	CR56B/U 50MHz thru 125MHz	QA-180/D3, 28 Jan 1969	/34	Croven Crystals
*CR56B/U 50MHz thru 125MHz	CR56B/U 50MHz thru 125MHz	3098-520-68	/34	Inficon EDC, Inc.
*CR56B/U 50MHz thru 125MHz	CR56B/U 50MHz thru 125MHz	3098-482-82	/34	Valpey-Fisher Corp.
*CR58B/U 920KHz thru 20MHz	CR58B/U 920KHz thru 20MHz	3098-35-71	/36	Bliley Technologies, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
*CR58B/U 1MHz thru 20MHz	CR58B/U 1MHz thru 20MHz	QA-118/ALD3, 11 Dec 1967	/36	Croven Crystals
*CR58B/U 1MHz thru 20MHz	CR58B/U 1MHz thru 20MHz	3098-654-67	/36	M-tron Industries, Inc.
*CR58B/U 800KHz thru 20MHz	CR58B/U 800KHz thru 20MHz	3098-481-82	/36	Valpey-Fisher Corp.
*CR59B/U 50MHz thru 125MHz	CR59B/U 50MHz thru 125MHz	QA-559/LS3, 8 Jul 1968	/37	Croven Crystals
*CR59B/U 50MHz thru 125MHz	CR59B/U 50MHz thru 125MHz	3098-520A-68	/37	Inficon EDC, Inc.
*CR59B/U 50MHz thru 125MHz	CR59B/U 50MHz thru 125MHz	3098-482-82	/37	Valpey-Fisher Corp.
*CR60B/U 5MHz thru 20MHz	CR60B/U 5MHz thru 20MHz	3098-281-79	/38	Bliley Technologies, Inc.
*CR60B/U 5MHz thru 20MHz	CR60B/U 5MHz thru 20MHz	QA-690/E2, 2 Dec 1971	/38	Croven Crystals
*CR60B/U 5MHz thru 20MHz	CR60B/U 5MHz thru 20MHz	3098-450-76	/38	Inficon EDC, Inc.
*CR60B/U 5MHz thru 20MHz	CR60B/U 5MHz thru 20MHz	3098-261-68	/38	M-tron Industries, Inc.
*CR60B/U 5MHz thru 20MHz	CR60B/U 5MHz thru 20MHz	3098-572-03	/38	Precision Devices, Inc. (PDI)
*CR60B/U 5MHz thru 20MHz	CR60B/U 5MHz thru 20MHz	3098-480-82	/38	Valpey-Fisher Corp.
*CR61B/U 24MHz thru 61MHz	CR61B/U 24MHz thru 61MHz	QA-277/LD3, 4 Jan 1968	/39	Croven Crystals
*CR61B/U 18MHz thru 61MHz	CR61B/U 18MHz thru 61MHz	3098-154-84; 3098-814-67	/39	Inficon EDC, Inc.
*CR61B/U 17MHz thru 61MHz	CR61B/U 17MHz thru 61MHz	3098-484-82	/39	Valpey-Fisher Corp.
*CR62B/U 920KHz thru 20MHz	CR62B/U 920KHz thru 20MHz	3098-33-71	/40	Bliley Technologies, Inc.
*CR62B/U 1MHz thru 20MHz	CR62B/U 1MHz thru 20MHz	3098-655-67	/40	M-tron Industries, Inc.
*CR62B/U 800KHz thru 20MHz	CR62B/U 800KHz thru 20MHz	3098-481-82	/40	Valpey-Fisher Corp.
*CR63BB/U 200KHz thru 555KHz	CR63BB/U 200KHz thru 555KHz	3098-34-71	/41	Bliley Technologies, Inc.
*CR64B/U 3.7MHz thru 20MHz	CR64B/U 3.7MHz thru 20MHz	QA-690/E2, 2 Dec 1971	/42	Croven Crystals
*CR64B/U 2.4MHz thru 20MHz	CR64B/U 2.4MHz thru 20MHz	3098-450-76	/42	Inficon EDC, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
*CR64B/U 2.4MHz thru 20MHz	CR64B/U 2.4MHz thru 20MHz	3098-261-68	/42	M-tron Industries, Inc.
*CR64B/U 2.4MHz thru 20MHz	CR64B/U 2.4MHz thru 20MHz	3098-572-03	/42	Precision Devices, Inc. (PDI)
*CR64B/U 2.9MHz thru 20MHz	CR64B/U 2.9MHz thru 20MHz	3098-480-82	/42	Valpey-Fisher Corp.
*CR65B/U 15MHz thru 61MHz	CR65B/U 15MHz thru 61MHz	QA-165/L3, 5 Jan 1970	/43	Croven Crystals
*CR65B/U 10MHz thru 61MHz	CR65B/U 10MHz thru 61MHz	3098-833-67	/43	M-tron Industries, Inc.
*CR67B/U 24MHz thru 62MHz	CR67B/U 24MHz thru 62MHz	QA-277/LD3, 4 Jan 1968	/45	Croven Crystals
*CR67B/U 18MHz thru 62MHz	CR67B/U 18MHz thru 62MHz	3098-154-84; 3098-815-67	/45	Inficon EDC, Inc.
*CR67B/U 17MHz thru 61MHz	CR67B/U 17MHz thru 61MHz	3098-280-73	/45	M-tron Industries, Inc.
*CR67B/U 17MHz thru 62MHz	CR67B/U 17MHz thru 62MHz	3098-484-82	/45	Valpey-Fisher Corp.
*CR69B/U 2.9MHz thru 25MHz	CR69B/U 2.9MHz thru 25MHz	QA-690/E2, 2 Dec 1971	/47	Croven Crystals
*CR69B/U 2.9MHz thru 25MHz	CR69B/U 2.9MHz thru 25MHz	3098-450-76	/47	Inficon EDC, Inc.
*CR69B/U 2.9MHz thru 25MHz	CR69B/U 2.9MHz thru 25MHz	3098-572-03	/47	Precision Devices, Inc. (PDI)
*CR69B/U 2.9MHz thru 25MHz	CR69B/U 2.9MHz thru 25MHz	3098-480-82	/47	Valpey-Fisher Corp.
*CR72B/U 24MHz thru 61MHz	CR72B/U 24MHz thru 61MHz	QA-277/LD3, 4 Jan 1968	/50	Croven Crystals
*CR72B/U 18MHz thru 61MHz	CR72B/U 18MHz thru 61MHz	3098-154-84; 3098-815-67	/50	Inficon EDC, Inc.
*CR72B/U 17MHz thru 61MHz	CR72B/U 17MHz thru 61MHz	3098-280-73	/50	M-tron Industries, Inc.
*CR72B/U 17MHz thru 61MHz	CR72B/U 17MHz thru 61MHz	3098-484-82	/50	Valpey-Fisher Corp.
*CR75B/U 50MHz thru 125MHz	CR75B/U 50MHz thru 125MHz	3098-479-92	/52	Valpey-Fisher Corp.
*CR76B/U 24MHz thru 61MHz	CR76B/U 24MHz thru 61MHz	QA-277/LD3, 4 Jan 1968	/53	Croven Crystals
*CR76B/U 18MHz thru 61MHz	CR76B/U 18MHz thru 61MHz	3098-154-84	/53	Inficon EDC, Inc.
*CR76B/U 16MHz thru 61MHz	CR76B/U 16MHz thru 61MHz	3098-280-73	/53	M-tron Industries, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
*CR76B/U 16MHz thru 61MHz	CR76B/U 16MHz thru 61MHz	3098-484-82	/53	Valpey-Fisher Corp.
*CR77B/U 24MHz thru 62MHz	CR77B/U 24MHz thru 62MHz	QA-277/LD3, 4 Jan 1968	/55	Croven Crystals
*CR77B/U 18MHz thru 62MHz	CR77B/U 18MHz thru 62MHz	3098-154-84; 3098-815-67	/55	Inficon EDC, Inc.
*CR77B/U 17MHz thru 61MHz	CR77B/U 17MHz thru 61MHz	3098-280-73	/55	M-tron Industries, Inc.
*CR77B/U 17MHz thru 62MHz	CR77B/U 17MHz thru 62MHz	3098-484-82	/55	Valpey-Fisher Corp.
*CR78B/U 2.9MHz thru 20MHz	CR78B/U 2.9MHz thru 20MHz	QA-690/E2, 2 Dec 1971	/62	Croven Crystals
*CR78B/U 2.2MHz thru 20MHz	CR78B/U 2.2MHz thru 20MHz	3098-450-76	/62	Inficon EDC, Inc.
*CR78B/U 2.2MHz thru 20MHz	CR78B/U 2.2MHz thru 20MHz	3098-261-68	/62	M-tron Industries, Inc.
*CR78B/U 2.2MHz thru 20MHz	CR78B/U 2.2MHz thru 20MHz	3098-572-03	/62	Precision Devices, Inc. (PDI)
*CR78B/U 2.2MHz thru 20MHz	CR78B/U 2.2MHz thru 20MHz	3098-480-82	/62	Valpey-Fisher Corp.
*CR79B/U 2.9MHz thru 20MHz	CR79B/U 2.9MHz thru 20MHz	QA-690/E2, 2 Dec 1971	/63	Croven Crystals
*CR79B/U 2.9MHz thru 20MHz	CR79B/U 2.9MHz thru 20MHz	3098-450-76	/63	Inficon EDC, Inc.
*CR79B/U 2.9MHz thru 20MHz	CR79B/U 2.9MHz thru 20MHz	3098-261-68	/63	M-tron Industries, Inc.
*CR79B/U 2.9MHz thru 20MHz	CR79B/U 2.9MHz thru 20MHz	3098-572-03	/63	Precision Devices, Inc. (PDI)
*CR79B/U 2.9MHz thru 20MHz	CR79B/U 2.9MHz thru 20MHz	3098-480-82	/63	Valpey-Fisher Corp.
*CR80B/U 50MHz thru 125MHz	CR80B/U 50MHz thru 125MHz	QA-180/D3, 28 Jan 1969	/57	Croven Crystals
*CR80B/U 50MHz thru 125MHz	CR80B/U 50MHz thru 125MHz	3098-520-68	/57	Inficon EDC, Inc.
*CR80B/U 50MHz thru 125MHz	CR80B/U 50MHz thru 125MHz	3098-482-82	/57	Valpey-Fisher Corp.
*CR81B/U 24MHz thru 62MHz	CR81B/U 24MHz thru 62MHz	QA-277/LD3, 4 Jan 1968	/58	Croven Crystals
*CR81B/U 18MHz thru 61MHz	CR81B/U 18MHz thru 61MHz	3098-154-84; 3098-815-67	/58	Inficon EDC, Inc.
*CR81B/U 17MHz thru 61MHz	CR81B/U 17MHz thru 61MHz	3098-280-73	/58	M-tron Industries, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
*CR81B/U 17MHz thru 65MHz	CR81B/U 17MHz thru 65MHz	3098-484-82	/58	Valpey-Fisher Corp.
*CR82B/U 50MHz thru 125MHz	CR82B/U 50MHz thru 125MHz	QA-180/D3, 28 Jan 1969	/59	Croven Crystals
*CR82B/U 50MHz thru 125MHz	CR82B/U 50MHz thru 125MHz	3098-520-68	/59	Inficon EDC, Inc.
*CR82B/U 50MHz thru 125MHz	CR82B/U 50MHz thru 125MHz	3098-482-82	/59	Valpey-Fisher Corp.
*CR83B/U 50MHz thru 125MHz	CR83B/U 50MHz thru 125MHz	QA-180/D3, 28 Jan 1969	/60	Croven Crystals
*CR83B/U 50MHz thru 125MHz	CR83B/U 50MHz thru 125MHz	3098-520-68	/60	Inficon EDC, Inc.
*CR83B/U 50MHz thru 125MHz	CR83B/U 50MHz thru 125MHz	3098-482-82	/60	Valpey-Fisher Corp.
*CR84B/U 24MHz thru 61MHz	CR84B/U 24MHz thru 61MHz	QA-277/LD3, 4 Jan 1968	/61	Croven Crystals
*CR84B/U 18MHz thru 61MHz	CR84B/U 18MHz thru 61MHz	3098-154-84; 3098-814-67	/61	Inficon EDC, Inc.
*CR84B/U 17MHz thru 61MHz	CR84B/U 17MHz thru 61MHz	3098-484-82	/61	Valpey-Fisher Corp.
*CR85B/U 920KHz thru 20MHz	CR85B/U 920KHz thru 20MHz	3098-35-71	/56	Bliley Technologies, Inc.
*CR85B/U 800KHz thru 20MHz	CR85B/U 800KHz thru 20MHz	3098-481-82	/56	Valpey-Fisher Corp.
*CR89B/U 2.12MHz thru 6.2MHz	CR89B/U 2.12MHz thru 6.2MHz	3098-35-71	/67	Bliley Technologies, Inc.
*CR89B/U 2.12MHz thru 6.2MHz	CR89B/U 2.12MHz thru 6.2MHz	QA-118/ALD3, 11 Dec 1967	/67	Croven Crystals
*CR89B/U 2.12MHz thru 6.2MHz	CR89B/U 2.12MHz thru 6.2MHz	3098-654-67	/67	M-tron Industries, Inc.
*CR89B/U 2.12MHz thru 6.2MHz	CR89B/U 2.12MHz thru 6.2MHz	3098-481-82	/67	Valpey-Fisher Corp.
*CR96B/U 3.6MHz thru 9.25MHz	CR96B/U 3.6MHz thru 9.25MHz	3098-947-69	/71	Inficon EDC, Inc.
*CR97B/U 8MHz thru 10MHz	CR97B/U 8MHz thru 10MHz	QA-690/E2, 2 Dec 1971	/72	Croven Crystals
*CR97B/U 8MHz thru 10MHz	CR97B/U 8MHz thru 10MHz	3098-450-76	/72	Inficon EDC, Inc.
*CR97B/U 8MHz thru 10MHz	CR97B/U 8MHz thru 10MHz	3098-261-68	/72	M-tron Industries, Inc.
*CR97B/U 8MHz thru 10MHz	CR97B/U 8MHz thru 10MHz	3098-572-03	/72	Precision Devices, Inc. (PDI)

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
*CR97B/U 8MHz thru 10MHz	CR97B/U 8MHz thru 10MHz	3098-480-82	/72	Valpey-Fisher Corp.
*CR98B/U 50MHz thru 134MHz	CR98B/U 50MHz thru 134MHz	3098-AF5-81, AF Ltr dtd 14 May 81	/73	Inficon EDC, Inc.
*CR101B/U 7MHz thru 20MHz	CR101B/U 7MHz thru 20MHz	3098-1019-04	/103	Anderson Electronics, Inc.
*CR101B/U 7MHz thru 20MHz	CR101B/U 7MHz thru 20MHz	3098-587-03	/103	Croven Crystals
*CR101B/U 7MHz thru 20MHz	CR101B/U 7MHz thru 20MHz	3098-32-88	/103	Inficon EDC, Inc.
*CR101B/U 7MHz thru 20MHz	CR101B/U 7MHz thru 20MHz	3098-3099-10	/103	Precision Devices, Inc. (PDI)
*CR102B/U 50MHz thru 125MHz	CR102B/U 50MHz thru 125MHz	3098-1019-04	/104	Anderson Electronics, Inc.
*CR102B/U 50MHz thru 125MHz	CR102B/U 50MHz thru 125MHz	3098-587-03	/104	Croven Crystals
*CR103B/U 17MHz thru 61MHz	CR103B/U 17MHz thru 61MHz	3098-1019-04	/104	Anderson Electronics, Inc.
*CR103B/U 17MHz thru 61MHz	CR103B/U 17MHz thru 61MHz	3098-587-03	/105	Croven Crystals
*CR104B/U 200KHz thru 545KHz	CR104B/U 200KHz thru 545KHz	3098-AF1-74	/79	Bliley Technologies, Inc.
*CR105B/U 48MHz thru 125MHz	CR105B/U 48MHz thru 125MHz	3098-AF5-81, AF Ltr dtd 14 May 81	/80	Inficon EDC, Inc.
*CR106B/U 10.5MHz thru 11.5MHz	CR106B/U 10.5MHz thru 11.5MHz	QA-690/E2, 2 Dec 1971	/82	Croven Crystals
*CR106B/U 10.5MHz thru 11.5MHz	CR106B/U 10.5MHz thru 11.5MHz	3098-450-76	/82	Inficon EDC, Inc.
*CR106B/U 10.5MHz thru 11.5MHz	CR106B/U 10.5MHz thru 11.5MHz	3098-261-68	/82	M-tron Industries, Inc.
*CR106B/U 10.5MHz thru 11.5MHz	CR106B/U 10.5MHz thru 11.5MHz	3098-572-03	/82	Precision Devices, Inc. (PDI)
*CR106B/U 10.5MHz thru 11.5MHz	CR106B/U 10.5MHz thru 11.5MHz	3098-480-82	/82	Valpey-Fisher Corp.
*CR107B/U 50MHz thru 125MHz	CR107B/U 50MHz thru 125MHz	3098-AF5-81, AF Ltr dtd 14 May 81	/83	Inficon EDC, Inc.
*CR109B/U 10MHz thru 11.5MHz	CR109B/U 10MHz thru 11.5MHz	3098-579-79	/85	Inficon EDC, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
*CR110B/U 62.5MHz thru 75MHz	CR110B/U 62.5MHz thru 75MHz	3098-AF5-81, AF Ltr dtd 14 May 81	/86	Inficon EDC, Inc.
*CR112B/U 5MHz thru 20MHz	CR112B/U 5MHz thru 20MHz	3098-579-79	/88	Inficon EDC, Inc.
*CR112B/U 5MHz thru 20MHz	CR112B/U 5MHz thru 20MHz	3098-483-82	/88	Valpey-Fisher Corp.
*CR113B/U 18MHz thru 56MHz	CR113B/U 18MHz thru 56MHz	3098-20-69	/89	Inficon EDC, Inc.
*CR116B/U 50MHz thru 125MHz	CR116B/U 50MHz thru 125MHz	3098-AF5-81, AF Ltr dtd 14 May 81	/92	Inficon EDC, Inc.
*CR116B/U 50MHz thru 125MHz	CR116B/U 50MHz thru 125MHz	3098-AF5-83, AF Ltr dtd 13 May 83	/92	Valpey-Fisher Corp.
*CR117B/U 30MHz thru 62MHz	CR117B/U 30MHz thru 62MHz	QA-277/LD3, 4 Jan 1968	/93	Croven Crystals
*CR117B/U 30MHz thru 61MHz	CR117B/U 30MHz thru 61MHz	3098-280-73	/93	M-tron Industries, Inc.
*CR117B/U 30MHz thru 63MHz	CR117B/U 30MHz thru 63MHz	3098-484-82	/93	Valpey-Fisher Corp.
*CR119B/U 920KHz thru 20MHz	CR119B/U 920KHz thru 20MHz	3098-35-71	/95	Bliley Technologies, Inc.
*CR119B/U 800KHz thru 20MHz	CR119B/U 800KHz thru 20MHz	3098-481-82	/95	Valpey-Fisher Corp.
*CR122B/U 50MHz thru 125MHz	CR122B/U 50MHz thru 125MHz	3098-AF5-81, AF Ltr dtd 14 May 81	/99	Inficon EDC, Inc.
*CR123B/U 50MHz thru 125MHz	CR123B/U 50MHz thru 125MHz	3098-AF5-81, AF Ltr dtd 14 May 81	/100	Inficon EDC, Inc.
*CR125B/U 1.85MHz thru 3.05MHz	CR125B/U 1.85MHz thru 3.05MHz	3098-35-71	/102	Bliley Technologies, Inc.
*CR125B/U 1.85MHz thru 3.05MHz	CR125B/U 1.85MHz thru 3.05MHz	3098-481-82	/102	Valpey-Fisher Corp.
*CR129B/U 9MHz thru 12MHz	CR129B/U 9MHz thru 12MHz	3098-579-79	/110	Inficon EDC, Inc.
*CR129B/U 9MHz thru 12MHz	CR129B/U 9MHz thru 12MHz	3098-483-82	/110	Valpey-Fisher Corp.
*CR130B/U 920KHz thru 20MHz	CR130B/U 920KHz thru 20MHz	3098-35-71	/109	Bliley Technologies, Inc.
*CR130B/U 800KHz thru 20MHz	CR130B/U 800KHz thru 20MHz	3098-481-82	/109	Valpey-Fisher Corp.
*CR131B/U 920KHz thru 20MHz	CR131B/U 920KHz thru 20MHz	3098-33-71	/120	Bliley Technologies, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
*CR131B/U 1MHz thru 20MHz	CR131B/U 1MHz thru 20MHz	3098-655-67	/120	M-tron Industries, Inc.
*CR131B/U 800KHz thru 20MHz	CR131B/U 800KHz thru 20MHz	3098-481-82	/120	Valpey-Fisher Corp.
*CR134B/U 18MHz thru 21MHz	CR134B/U 18MHz thru 21MHz	3098-579-79	/113	Inficon EDC, Inc.
*CR134B/U 18MHz thru 21MHz	CR134B/U 18MHz thru 21MHz	3098-483-82	/113	Valpey-Fisher Corp.
*CR135B/U 10MHz thru 12MHz	CR135B/U 10MHz thru 12MHz	3098-579-79	/114	Inficon EDC, Inc.
*CR136B/U 8MHz thru 10MHz	CR136B/U 8MHz thru 10MHz	3098-579-79	/115	Inficon EDC, Inc.
*CR136B/U 8MHz thru 10MHz	CR136B/U 8MHz thru 10MHz	3098-483-82	/115	Valpey-Fisher Corp.
*CR137B/U 8.5MHz thru 19MHz	CR137B/U 8.5MHz thru 19MHz	3098-579-79	/116	Inficon EDC, Inc.
*CR137B/U 8.5MHz thru 19MHz	CR137B/U 8.5MHz thru 19MHz	3098-483-82	/116	Valpey-Fisher Corp.
*CR139B/U 20MHz thru 22MHz	CR139B/U 20MHz thru 22MHz	3098-572-03; QA-690/E2, 2 Dec 1971	/118	Croven Crystals
*CR139B/U 20MHz thru 22MHz	CR139B/U 20MHz thru 22MHz	3098-450-76	/118	Inficon EDC, Inc.
*CR139B/U 20MHz thru 22MHz	CR139B/U 20MHz thru 22MHz	3098-261-68	/118	M-tron Industries, Inc.
*CR139B/U 20MHz thru 22MHz	CR139B/U 20MHz thru 22MHz	3098-572-03	/118	Precision Devices, Inc. (PDI)
*CR139B/U 20MHz thru 22MHz	CR139B/U 20MHz thru 22MHz	3098-480-82	/118	Valpey-Fisher Corp.
*CR141B/U 50MHz thru 90MHz	CR141B/U 50MHz thru 90MHz	QA-180/D3, 28 Jan 1969	/122	Croven Crystals
*CR141B/U 50MHz thru 90MHz	CR141B/U 50MHz thru 90MHz	3098-520-68	/122	Inficon EDC, Inc.
*CR141B/U 48MHz thru 90MHz	CR141B/U 48MHz thru 90MHz	3098-482-82	/122	Valpey-Fisher Corp.
*CR142B/U 833KHz thru	CR142B/U 833KHz thru	3098-415-69, AF Ltr dtd 8 Mar 73	/123	M-tron Industries, Inc.
*CR148B/U 10MHz thru 61MHz	CR148B/U 10MHz thru 61MHz	3098-AF5-83, AF Ltr dtd 13 May 83	/129	Valpey-Fisher Corp.
*CR149B/U 46MHz thru 100MHz	CR149B/U 46MHz thru 100MHz	3098-AF5-81, AF Ltr dtd 14 May 81	/130	Inficon EDC, Inc.
*CR150B/U 45MHz thru 100MHz	CR150B/U 45MHz thru 100MHz	3098-1019-04	/103	Anderson Electronics, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
*CR151B/U 50MHz thru 100MHz	CR151B/U 50MHz thru 100MHz	3098-AF5-81, AF Ltr dtd 14 May 81	/132	Inficon EDC, Inc.
*CR152B/U 16MHz thru 61MHz	CR152B/U 16MHz thru 61MHz	3098-280-73	/133	M-tron Industries, Inc.
*CR152B/U 16MHz thru 61MHz	CR152B/U 16MHz thru 61MHz	3098-484-82	/133	Valpey-Fisher Corp.
*CR157B/U 920KHz thru 20MHz	CR157B/U 920KHz thru 20MHz	3098-35-71	/137	Bliley Technologies, Inc.
*CR157B/U 1MHz thru 20MHz	CR157B/U 1MHz thru 20MHz	QA-118/ALD3, 11 Dec 1967	/137	Croven Crystals
*CR157B/U 1MHz thru 20MHz	CR157B/U 1MHz thru 20MHz	3098-146-68	/137	Inficon EDC, Inc.
*CR157B/U 1MHz thru 20MHz	CR157B/U 1MHz thru 20MHz	3098-654-67	/137	M-tron Industries, Inc.
*CR159B/U 8.7MHz thru 20MHz	CR159B/U 8.7MHz thru 20MHz	3098-1019-04	/140	Anderson Electronics, Inc.
*CR165B/U 2.4MHz thru 20MHz	CR165B/U 2.4MHz thru 20MHz	3098-1019-04	/146	Anderson Electronics, Inc.

Manufacturer and Supplier Location Information

Manufacturer: Anderson Electronics, Inc. (CAGE Code: 3BPV9)

Location: P.O. Box 89, Scotch Valley Road, Hollidaysburg, PA 16648-0089,

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Bliley Technologies, Inc. (CAGE Code: 71034)

Location: 2545 West Grandview Boulevard, Erie, PA 16508-0428, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Croven Crystals (CAGE Code: 00809)

Location: Wenzel International, Inc., P.O. Box 420, 500 Beech Street, Whitby, Ontario L1N 5S5, Canada

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Inficon EDC, Inc. (CAGE Code: 18853)

Location: 9075 Cody Street, Overland Park, KS 66214-1730, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: M-tron Industries, Inc. (CAGE Code: 23875)

Location: P.O. Box 630, 100 Douglas Avenue, Yankton, SD 57078-0630, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Precision Devices, Inc. (PDI) (CAGE Code: 0S4G1)

Location: P.O. Box 620155, 8840 N. Greenview Drive, Middleton, WI 53562-0155, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Valpey-Fisher Corp. (CAGE Code: 21821)

Location: 75 South Street, Hopkinton, MA 01748-2284, US

Plants:

1. Plant: Same Address as Manufacturer