

QUALIFIED PRODUCTS LIST

FSC 5905

OF

PRODUCTS QUALIFIED UNDER MILITARY SPECIFICATION

MIL-R-39023

RESISTOR, VARIABLE, NON-WIREWOUND, PRECISION,

GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-R-39023. 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 RESEARCH LABORATORY. The activity designated as agent for all contacts relative to this QPL is the Defense Electronics Supply Center (DESC-ELS), Dayton, OH 45444-5764.

\* Procurement of Category II resistors shall be confined to sources of the corresponding Category I resistor. Also, only manufacturers having their resistors annotated with an asterisk (\*) have complied with the quality assurance program requirements, Appendix B of MIL-R-39023, and are eligible to supply similar Category II resistors within the limitations specified under Government Designation and paragraph 4.4.4 of MIL-R-39023 (see paragraphs 3.2.1 and 3.2.2 of MIL-R-39023 for definitions of Category I and II resistors.)

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	DETAIL SPECIFICATION	MANUFACTURER'S NAME (ADDRESS ON LAST PAGE)
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CATEGORY I RESISTORS

RQ051* Res. temp. char. C, shaft length G, life char. 5, moist. res. char. 2, func. conformity tols., char. A, output-smoothness char. F, nom. total res. values 5,000 ohms.	1020-561-3	39023-192-86	/10	BEI, Duncan Electronics Div.
RQ051 Res. temp. char. C, shaft length G, moist. res. char. 2, life char. 5, func. conformity tols. char. A, output-smoothness char. F, nom. total res. value 5,000 ohms.	55FL1-130-01	39023-846-83	/10	New England Instrument Co.
RQ090* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	2211	39023-803-76	/1	BEI, Duncan Electronics Div.
RQ090* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. char. 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	1221	39023-4-77	/1	BEI, Duncan Electronics Div.
RQ090* Res. temp. chars. A and B; shaft lengths A thru D; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	WP7/8M	39023-308-73	/1	Data Instruments, Inc.

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RQ090* Res. temp. char. A; shaft lengths A thru D; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	78FS	39023-526-77	/1	New England Instrument Co.
RQ090* Res. temp. char. A; shaft lengths A thru D; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	78FLI	39023-526-77	/1	New England Instrument Co.
RQ090* Res. temp. char. A; shaft lengths A thru D; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	78SF	39023-526-77	/1	New England Instrument Co.
RQ091* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A and D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	2212	39023-803-76	/9 (USAF)	BEI, Duncan Electronics Div.
RQ091* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. char. 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	1222	39023-4-77	/9 (USAF)	BEI, Duncan Electronics Div.
RQ091* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	WP7/8M	39023-308-73	/9 (USAF)	Data Instruments, Inc.
RQ091* Res. temp. char. A; shaft lengths A thru F; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	78FTS	39023-526-77	/9 (USAF)	New England Instrument Co.
RQ091* Res. temp. char. A; shaft lengths A thru F; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	78FL	39023-526-77	/9 (USAF)	New England Instrument Co.
RQ091* Res. temp. char. A; shaft lengths A thru F; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	78BF	39023-526-77	/9 (USAF)	New England Instrument Co.
RQ100* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru E; output- smoothness chars. A thru E; nom. total res. values 1.000 ohms thru 1.0 megohm.	4211	39023-804-76	/6	BEI, Duncan Electronics Div.

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RQ110* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	2311	39023-803-76	/2	BEI, Duncan Electronics Div.
RQ110 Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. char. 2, func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	1321	39023-4-77	/2	BEI, Duncan Electronics Div.
RQ110* Res. temp. chars. A and B; shaft lengths A thru D; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	WP1 1/16-M	39023-308-73	/2	Data Instruments, Inc.
RQ110* Res. temp. char. A; shaft lengths A thru D; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	116FTS	39023-526-77	/2	New England Instrument Co.
RQ110* Res. temp. char. A; shaft lengths A thru D; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	116FL	39023-526-77	/2	New England Instrument Co.
RQ110* Res. temp. char. A; shaft lengths A thru D; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru D; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	116SF	39023-526-77	/2	New England Instrument Co.
RQ150* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru E; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm	2511	39023-803-76	/3	BEI, Duncan Electronics Div.
RQ150* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. char. 2; func. conformity tol. chars. A thru E; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	1521	39023-4-77	/3	BEI, Duncan Electronics Div.
RQ150* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru E; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	WP1 7/16-M	39023-309-73	/3	Data Instruments, Inc.
RQ150* Res. temp. char. A; shaft lengths A thru F; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru E; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	176FTS	39023-526-77	/3	New England Instrument Co.

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RQ150* Res. temp. char. A; shaft lengths A thru F; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru E; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	176FL	39023-526-77	/3	New England Instrument Co.
RQ150* Res. temp. char. A; shaft lengths A thru F; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru E; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	176SF	39023-526-77	/3	New England Instrument Co.
RQ160* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru E; output-smoothness chars. A thru E; nom. total res. values 1,000 ohms thru 3.0 megohms.	4511	39023-804-76	/7	BEI, Duncan Electronics Div.
RQ200* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	2711	39023-803-76	/4	BEI, Duncan Electronics Div.
RQ200* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 4; moist. res. char. 2; func. conformity tols. chars. A thru F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	1721	39023-4-77	/4	BEI, Duncan Electronics Div.
RQ200* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	WP2-M	39023-309-73	/4	Data Instruments, Inc.
RQ200* Res. temp. char. A; shaft lengths A thru F; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	200FTS	39023-526-77	/4	New England Instrument Co.
RQ200* Res. temp. char. A; shaft lengths A thru F; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	200FL	39023-526-77	/4	New England Instrument Co.
RQ200* Res. temp. char. A; shaft lengths A thru F; life chars. 1 thru 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	200SF	39023-526-77	/4	New England Instrument Co.
RQ210* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 thru 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru F; output- smoothness chars. A thru E; nom. total res. values 1,000 ohms thru 3.0 megohms.	4711	39023-804-76	/8	BEI, Duncan Electronics Div.

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RQ300* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 and 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	2811	39023-803-76	/5	BEI, Duncan Electronics Div.
RQ300* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 and 3; moist. res. char 2, func. conformity tol. chars. A and F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	1821	39023-4-77	/5	BEI, Duncan Electronics Div.
RQ300* Res. temp. chars. A and B; shaft lengths A thru F; life chars. 1 and 3; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	WP3-M	39023-309-73	/5	Data Instruments, Inc.
RQ300* Res. temp. char. A; shaft lengths A thru F; life chars. 1 and 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	300FTS	39023-526-77	/5	New England Instrument Co.
RQ300* Res. temp. char. A; shaft lengths A thru F; life chars. 1 and 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	300FL	39023-526-77	/5	New England Instrument Co.
RQ300* Res. temp. char. A; shaft lengths A thru F; life chars. 1 and 4; moist. res. chars. 1 and 2; func. conformity tol. chars. A thru F; output-smoothness chars. A thru E; nom. total res. values 100 ohms thru 1.0 megohm.	300SF	39023-526-77	/5	New England Instrument Co.

MANUFACTURER'S NAME, ADDRESS AND PLANT	CAGE CODE	
BEI, Duncan Electronics Division 15571 Red Hill Road Tustin, CA 92680 Plant: Same Address	11534	
Data Instruments, Inc. 522 Boston Post Road Wayland, MA 01778-1890 Plant: Same Address	94603	
New England Instrument Company Kendall Lane Natick, MA 01760 Plant: Same Address	08815	