QUALIFICATIONS VALIDATED
SEMIANNUALLY

QPL-12934-49
1 August 2000
SUPERSEDING
QPL-12934-48
9 June 1995

QUALIFIED PRODUCTS LIST

OF

PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION

MIL-PRF-12934

RESISTORS, VARIABLE, WIRE-WOUND, 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-12934. 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 DEFENSE SUPPLY CENTER COLUMBUS (DSCC-VQ), COLUMBUS, OH 43216-5000.

* 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-12934H) and are eligible to supply similar Category II resistors within the limitations specified in paragraph 4.4.4 of MIL-R-12934H. (See paragraphs 3.2.1 and 3.2.2 of MIL-R-12934H for definitions of Category I and II resistors.)

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | DETAIL SPECIFI-CATION | MANUFACTURER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| RR0900* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. chars. G thru L and S thru X; nom. total res. values 100 thru 10,000 ohms. | 1211 | 12934-42-76 | /1 | BEI Sensors & Systems |
| RR0900* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. chars. G thru L and S thru X; nom. total res. values 100 thru 10,000 ohms. | 78WS | 12934-505-77 | /1 | Invensys Sensor Systems |
| RR0900* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. chars. G thru L and S thru X; nom. total res. values 100 thru 10,000 ohms. | 701 | 12934-593-73 | /1 | Spectrol Electronics Corp. |
| RR1000* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. chars. G thru L and S thru X; nom. total res. values 100 thru 50,000 ohms. | 3211 | 12934-43-76 | /6 | BEI Sensors & Systems |
| RR1000* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. chars. G thru L and S thru X; nom. total res. values 100 thru 50,000 ohms. | 1098-080 | 12934-16-7T | /6 | Invensys Sensor Systems |


DISTRIBUTION STATEMENT A. Approved for public release; distribution is unlimited.

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|---|---|---|---|---|
| RR1000* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. chars. G thru L and S thru X; nom. total res. values 100 thru 50,000 ohms. | 501 | 12934-583-77A | /6 | Spectrol Electronics Corp. |
| RR1004* Func. and shaft length D; classes 2 and 4; res. temp. char. A; rotational life char. 9; function conformity tol. and res. tol. char. B; nom. total res. value 100,000 ohms. | 3210-2216 | 12934-43-76 | /34 (TD) | BEI Sensors & Systems |
| RR1004* Func. and shaft length D; classes 2 and 4; res. temp. char. A; rotational life char. 9; function conformity tol. and res. tol. char. B; nom. total res. value 100,000 ohms. | 1098-081 | 12934-16-7T | /34 (TD) | Invensys Sensor Systems |
| RR1100* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 20,000 ohms. | 1311 | 12934-42-76 | /2 | BEI Sensors & Systems |
| RR1100* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 20,000 ohms. | 116WS | 12934-505-77 | /2 | Invensys Sensor Systems |
| RR1100* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 20,000 ohms. | 121 | 12934-593-73 | /2 | Spectrol Electronics Corp. |
| RR1300* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 40,000 ohms. | 1511 | 12934-42-76 | /19 | BEI Sensors & Systems |
| RR1300* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 40,000 ohms. | 176WS | 12934-506-77 | /19 | Invensys Sensor Systems |
| RR1300* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 40,000 ohms. | 171 | 12934-593-73 | /19 | Spectrol Electronics Corp. |

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|---|---|---|---|---|
| RR1400* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 200 thru 200,000 ohms. | 3511 | 12934-43-76 | /20 | BEI Sensors & Systems |
| RR1400* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 200 thru 200,000 ohms. | 1070-080 | 12934-16-7T | /20 | Invensys Sensor Systems |
| RR1400* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 200 thru 200,000 ohms. | 871 | 12934-594-73 | /20 | Spectrol Electronics Corp. |
| RR2000* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 60,000 ohms. | 1711 | 12934-42-76 | /4 | BEI Sensors & Systems |
| RR2000* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 60,000 ohms. | 200WS | 12934-506-77 | /4 | Invensys Sensor Systems |
| RR2000* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 60,000 ohms. | 301 | 12934-593-73 | /4 | Spectrol Electronics Corp. |
| RR2002* Func. and shaft length H; classes 2 and 4; res. temp. char. A; rotational life char. 9; function conformity tol. and res. tol. char. U; nom. total res. value 20,000 ohms. | 3710-986 | 12934-43-76 | /33 (TD) | BEI Sensors & Systems |
| RR2100* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 200 thru 250,000 ohms. | 3711 | 12934-43-76 | /9 | BEI Sensors & Systems |
| RR2100* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 200 thru 250,000 ohms. | 1088-080 | 12934-16-7T | /9 | Invensys Sensor Systems |
| RR2100* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 200 thru 250,000 ohms. | 801 | 12934-594-73 | /9 | Spectrol Electronics Corp. |

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| RR2104* Func. and shaft length F; classes 2 and 4; res. temp. char. A; rotational life char. 8; function conformity tol. and res. tol. char. L; nom. total res. value 20,000 ohms. (Applicable to each cup.) | 3710-987 | 12934-43-76 | /35 (TD) | BEI Sensors & Systems |
| RR2104* Func. and shaft length F; classes 2 and 4; res. temp. char. A; rotational life char. 8; function conformity tol. and res. tol. char. L; nom. total res. value 20,000 ohms. (Applicable to each cup.) | 1088-081 | 12934-16-7T | /35 (TD) | Invensys Sensor Systems |
| RR3000* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 200 thru 100,000 ohms. | 1811 | 12934-42-76 | /5 | BEI Sensors & Systems |
| RR3000* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 200 thru 100,000 ohms. | 300WS | 12934-506-77 | /5 | Invensys Sensor Systems |
| RR3000* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 200 thru 100,000 ohms. | 401 | 12934-593-73 | /5 | Spectrol Electronics Corp. |
| RR3100* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. A thru C, G thru H, M thru O, S thru U, and X; nom. total res. values 100 thru 10,000 ohms. | 1212 | 12934-42-76 | /10 | BEI Sensors & Systems |
| RR3100* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 100 thru 10,000 ohms. | 78WB | 12934-505-77 | /10 | Invensys Sensor Systems |
| RR3100* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life char. 7 thru 9; function conformity tol. and res. tol. G thru I and S thru U; nom. total res. values 100 thru 10,000 ohms. | 701 | 12934-593-73 | /10 | Spectrol Electronics Corp. |
| RR3200* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 100 thru 20,000 ohms. | 1312 | 12934-42-76 | /15 | BEI Sensors & Systems |
| RR3200* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 100 thru 20,000 ohms. | 116WB | 12934-505-77 | /15 | Invensys Sensor Systems |

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| RR3200* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life char. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 100 thru 20,000 ohms. | 121 | 12934-593-73 | /15 | Spectrol Electronics Corp. |
| RR3300* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 100 thru 40,000 ohms. | 1512 | 12934-42-76 | /16 | BEI Sensors & Systems |
| RR3300* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 100 thru 40,000 ohms. | 176WB | 12934-506-77 | /16 | Invensys Sensor Systems |
| RR3300* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life char. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 100 thru 40,000 ohms. | 171 | 12934-593-73 | /16 | Spectrol Electronics Corp. |
| RR3400* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 100 thru 60,000 ohms. | 1712 | 12934-42-76 | /17 | BEI Sensors & Systems |
| RR3400* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 100 thru 60,000 ohms. | 200WB | 12934-506-77 | /17 | Invensys Sensor Systems |
| RR3400* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life char. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 100 thru 60,000 ohms. | 301 | 12934-593-73 | /17 | Spectrol Electronics Corp. |
| RR3500* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 200 thru 100,000 ohms. | 1812 | 12934-42-76 | /18 | BEI Sensors & Systems |
| RR3500* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 200 thru 100,000 ohms. | 300WB | 12934-506-77 | /18 | Invensys Sensor Systems |
| RR3500* Func. and shaft lengths A thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life char. 7 thru 9; function conformity tol. and res. tol. char. A thru X; nom. total res. values 200 thru 100,000 ohms. | 401 | 12934-593-73 | /18 | Spectrol Electronics Corp. |

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|---|---|---|---|---|
| RR3600* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 50,000 ohms. | 3214 | 12934-43-76 | /27 | BEI Sensors & Systems |
| RR3600* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 50,000 ohms. | 1094-080 | 12934-16-7T | /27 | Invensys Sensor Systems |
| RR3601* Func. and shaft length D; classes 2 and 4; res. temp. char. A; rotational life char. 9; function conformity tol. and res. tol. char. K; nom. total res. value 10,000 ohms. | 3210-2217 | 12934-43-76 | /36 (TD) | BEI Sensors & Systems |
| RR3601* Func. and shaft length D; classes 2 and 4; res. temp. char. A; rotational life char. 9; function conformity tol. and res. tol. char. K; nom. total res. value 10,000 ohms. | 1094-081 | 12934-16-7T | /36 (TD) | Invensys Sensor Systems |
| RR3700* Func. and shaft lengths C thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 50,000 ohms. | 3215 | 12934-43-76 | /28 | BEI Sensors & Systems |
| RR3700* Func. and shaft lengths C thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 50,000 ohms. | 1093-080 | 12934-16-7T | /28 | Invensys Sensor Systems |
| RR3800* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 100,000 ohms. | 3217 | 12934-43-76 | /29 | BEI Sensors & Systems |
| RR3800* Func. and shaft lengths A thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 100,000 ohms. | 1096-080 | 12934-16-7T | /29 | Invensys Sensor Systems |
| RR3900* Func. and shaft lengths C thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 100,000 ohms. | 3218 | 12934-43-76 | /30 | BEI Sensors & Systems |
| RR3900* Func. and shaft lengths C thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 100,000 ohms. | 1095-086 | 12934-16-7T | /30 | Invensys Sensor Systems |

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| RR4000* Func. and shaft lengths C thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 50,000 ohms. | 3212 | 12934-43-76 | /31 | BEI Sensors & Systems |
| RR4000* Func. and shaft lengths C thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 50,000 ohms. | 1097-080 | 12934-16-7T | /31 | Invensys Sensor Systems |
| RR4000* Func. and shaft lengths C thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 100 thru 50,000 ohms. | 501 | 12934-583-77A | /31 | Spectrol Electronics Corp. |
| RR4100* Func. and shaft lengths C thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. char. G thru L and S thru X; nom. total res. values 200 thru 250,000 ohms. | 3712 | 12934-43-76 | /32 | BEI Sensors & Systems |
| RR4100* Func. and shaft lengths C thru F; classes 2 and 4; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. chars. G thru L and S thru X; nom. total res. values 200 thru 250,000 ohms. | 1074-080 | 12934-16-7T | /32 | Invensys Sensor Systems |
| RR4100* Func. and shaft lengths C thru F; classes 2 thru 5; res. temp. chars. A thru H; rotational life chars. 7 thru 9; function conformity tol. and res. tol. chars. G thru L and S thru X; nom. total res. values 200 thru 250,000 ohms. | 801 | 12934-594-73 | /32 | Spectrol Electronics Corp. |

| MANUFACTURER'S NAME, ADDRESS AND PLANT | CAGE CODE |
|---|---|
| BEI Sensors & Systems Co.<br>15771 Red Hill Road<br>Tustin, CA 92780-7303<br>Plant: Same Address | 11534 |
| Invensys Sensor Systems<br>New England Instrument Div.<br>245 Railroad Street<br>Woonsocket, RI 02895<br>Plant: Same Address | 08815 |
| Spectrol Electronics Corp.<br>4051 Greystone Drive<br>Ontario, CA 91761-3100<br>Plant: Same Address | 02111 |