**Specification Details:** **Date: 11/17/2025**

Specification: MIL-PRF-26
Title: Resistors, Fixed, Wire-Wound (Power Type)
Federal Supply Class (FSC): 5905
Conventional: Yes
Specification contains quality assurance program: No
MIL-STD-790 Established Reliability & High Reliability: No
MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
Weibull Graded: No
Specification contains space level reliability requirements: No
Specification allows test optimization: No

**Contact Information:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP
Primary Qualifying Activity Contact: 614-907-2854, e-mail: vqp.ss@dla.mil
Secondary Qualifying Activity Contact: 614-692-2193, e-mail: vqp.st@dla.mil

**Notes:**

PIN: The PIN consists of the Style, Characteristic, Resistance, and Resistance Tolerance.

Style: The style is identified by the two-letter symbol "RW" followed by a two-digit number; the letters identify power type, wire-wound, fixed resistors, and the number identifies the size, wattage rating, and construction of the resistors.

Characteristic: The characteristic is identified by a single letter that identifies the maximum continuous operating temperature (surface hot spot), the high ambient temperature derating, the minimum insulation resistance value, and the degree of moisture resistance in accordance with the applicable associated specification.

Resistance: The nominal resistance expressed in ohms is identified by a three-digit number; the first two digits represent significant figures and the last digit specifies the number of zeroes to follow. When resistance values less than 10 ohms are required, the letter "R" is substituted for one of the significant digits to represent the decimal point. When the letter "R" is used, succeeding digits of the group represent significant figures.

Resistance tolerance: The resistance tolerance, when applicable, is identified by a single letter in accordance with the applicable specification sheet.

**Part Configuration:**

RW80V49R9F

| Style | Characteristic | Resistance | Resistance Tolerance |
|---|---|---|---|
| RW80 | V | 49R9 | F |

**PART LISTINGS**

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFICATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| **RW20** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 8.2 kilohms | RW20 | 26-823-66 | /2 | Ohmite Manufacturing Co. (Mexico) |
| **RW21** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 16 kilohms | RW21 | 26-823-66 | /2 | Ohmite Manufacturing Co. (Mexico) |
| **RW22** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 36 kilohms | RW22 | 26-823-66 | /2 | Ohmite Manufacturing Co. (Mexico) |
| **RW23** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 51 kilohms | RW23 | 26-823-66 | /2 | Ohmite Manufacturing Co. (Mexico) |
| **RW24** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 75 kilohms | RW24 | 26-823-66 | /2 | Ohmite Manufacturing Co. (Mexico) |
| **RW29** | | | | |
| Char. N; min. wire size .002"; .1 ohms thru 2.7 kilohms | RW29N | 26-45-77 | /3 | Ohmite Manufacturing Co. (Mexico) |
| Char. V; min. wire size .002"; .1 ohms thru 5.6 kilohms | RW29 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| **RW30** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 2.7 kilohms | RW30 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |
| **RW31** | | | | |
| Char. N; min. wire size .002"; .1 ohms thru 3.3 kilohms | RW31N | 26-45-77 | /3 | Ohmite Manufacturing Co. (Mexico) |
| Char. V; min. wire size .002"; .1 ohms thru 6.8 kilohms | RW31 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |
| **RW32** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 10 kilohms | RW32 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |
| **RW33** | | | | |
| Char. N; min. wire size .002"; .1 ohms thru 8.1 kilohms | RW33N | 26-45-77 | /3 | Ohmite Manufacturing Co. (Mexico) |
| Char. V; min. wire size .002"; .1 ohms thru 18 kilohms | RW33 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |
| **RW34** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 30 kilohms | RW34 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |
| **RW35** | | | | |
| Char. N; min. wire size .002"; .1 ohms thru 20 kilohms | RW35N | 26-45-77 | /3 | Ohmite Manufacturing Co. (Mexico) |
| Char. V; min. wire size .002"; .1 ohms thru 43 kilohms | RW35 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |
| **RW36** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 56 kilohms | RW36 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |
| **RW37** | | | | |
| Char. N; min. wire size .002"; .1 ohms thru 43 kilohms | RW37N | 26-45-77 | /3 | Ohmite Manufacturing Co. (Mexico) |
| Char. V; min. wire size .002"; .1 ohms thru 91 kilohms | RW37 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |
| **RW38** | | | | |
| Char. N; min. wire size .002"; .1 ohms thru 75 kilohms | RW38N | 26-45-77 | /3 | Ohmite Manufacturing Co. (Mexico) |
| Char. V; min. wire size .002"; .1 ohms thru 150 kilohms | RW38 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |
| **RW39** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 200 kilohms | RW39 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |
| **RW47** | | | | |
| Char. N; min. wire size .002"; .1 ohms thru 81 kilohms | RW47N | 26-45-77 | /3 | Ohmite Manufacturing Co. (Mexico) |
| Char. V; min. wire size .002"; .1 ohms thru 180 kilohms | RW47 | 26-824-66 | /3 | Ohmite Manufacturing Co. (Mexico) |
| **RW67** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 8.2 kilohms | RS-5-125, RS-5-171, RS-5-70 | 26-179-66 | /4 | Dale Electronics, LLC |
| **RW68** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 20 kilohms | RS-10-125, RS-10-171, RS-10-39 | 26-719-66 | /4 | Dale Electronics, LLC |
| **RW69** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 2 kilohms | RS-2C-171, RS-2C-23 | 26-719-66 | /4 | Dale Electronics, LLC |
| **RW67** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 8.2 kilohms | RS-5-125, RS-5-171, RS-5-70 | 26-86-81 | /4 | Electronica Dale de Mexico |
| **RW68** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 20 kilohms | RS-10-125, RS-10-171, RS-10-39 | 26-86-81 | /4 | Electronica Dale de Mexico |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| **RW69** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 2 kilohms | RS-2C-171, RS-2C-23 | 26-86-81 | /4 | Electronica Dale de Mexico |
| **RW67** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 8.2 kilohms | RW67 | 26-349-87; 26-350-87; 26-351-87; 26-795-68 | /4 | Ohmite Manufacturing Co. (Mexico) |
| **RW68** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 20 kilohms | RW68 | 26-349-87; 26-350-87; 26-351-87; 26-795-68 | /4 | Ohmite Manufacturing Co. (Mexico) |
| **RW69** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 2 kilohms | RW69 | 26-349-87; 26-350-87; 26-351-87; 26-795-68 | /4 | Ohmite Manufacturing Co. (Mexico) |
| **RW55** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 5.1 kilohms | 55AC | 26-73-67 | /4 | Pacific Resistor Company |
| **RW56** | | | | |
| Char. V; min. wire size .002"; .1 ohms thru 9.1 kilohms | 56AC | 26-73-67 | /4 | Pacific Resistor Company |
| **RW67** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 8.2 kilohms | 5A | 26-563-67 | /4 | Pacific Resistor Company |
| **RW68** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 20 kilohms | 10A | 26-563-67 | /4 | Pacific Resistor Company |
| **RW69** | | | | |
| Char. V; min. wire size .001"; .1 ohms thru 2 kilohms | MN1A | 26-563-67 | /4 | Pacific Resistor Company |
| **RW70** | | | | |
| Char. U; tols. B, D, F; min. wire size .001"; .1 ohms thru 2.74 kilohms | RS-1A-125, RS-1A-300 | 26-208-66 | /5 | Dale Electronics, LLC |
| **RW74** | | | | |
| Char. U; tols. B, D, F; min. wire size .001"; .1 ohms thru 24.3 kilohms | RS-5-125, RS-5-69 | 26-207-66 | /5 | Dale Electronics, LLC |
| **RW78** | | | | |
| Char. U; tols. B, D, F; min. wire size .001"; .1 ohms thru 71.5 kilohms | RS-10-125, RS-10-38 | 26-207-66 | /5 | Dale Electronics, LLC |
| **RW79** | | | | |
| Char. U; tols. B, D, F; min. wire size .001"; .1 ohms thru 6.49 kilohms | RS-2B-125, RS-2B-300 | 26-208-66 | /5 | Dale Electronics, LLC |
| **RW70** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 1.21 kilohms | RS-1A-125, RS-1A-300 | 26-85-81 | /5 | Electronica Dale de Mexico |
| **RW74** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 9.09 kilohms | RS-5-125, RS-5-69 | 26-020-97 | /5 | Electronica Dale de Mexico |
| **RW78** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 26.7 kilohms | RS-10-125, RS-10-38 | 26-020-97 | /5 | Electronica Dale de Mexico |
| **RW79** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 2.43 kilohms | RS-2B-125, RS-2B-300 | 26-022-97 | /5 | Electronica Dale de Mexico |
| **RW70** | | | | |
| Char. U; tols. B, D, F; min. wire size .001"; .1 ohms thru 3.16 kilohms | RW70 | 26-348-87 | /5 | Ohmite Manufacturing Co. (Mexico) |

| PART LISTINGS | | | | |
|---|---|---|---|---|
| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
| **RW74** | | | | |
| Char. U; tols. B, D, F; min. wire size .001"; .1 ohms thru 38.3 kilohms | RW74 | 23-347-87 | /5 | Ohmite Manufacturing Co. (Mexico) |
| **RW78** | | | | |
| Char. U; tols. B, D, F; min. wire size .001"; .1 ohms thru 90.9 kilohms | RW78 | 23-347-87 | /5 | Ohmite Manufacturing Co. (Mexico) |
| **RW79** | | | | |
| Char. U; tols. B, D, F; min. wire size .001"; .1 ohms thru 10.5 kilohms | RW79 | 26-348-87 | /5 | Ohmite Manufacturing Co. (Mexico) |
| **RW70** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 3.16 kilohms | 15A | 26-75-67 | /5 | Pacific Resistor Company |
| **RW74** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 12.1 kilohms | 5AV | 26-74-67 | /5 | Pacific Resistor Company |
| **RW78** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 40.2 kilohms | 10AV | 26-74-67 | /5 | Pacific Resistor Company |
| **RW79** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 6.04 kilohms | N1A | 26-75-67 | /5 | Pacific Resistor Company |
| **RW80** | | | | |
| Char. U; tols. B, D, F; min. wire size .001"; .1 ohms thru 2.74 kilohms | G-3-125, G-3-380 | 26-209-66 | /6 | Dale Electronics, LLC |
| **RW81** | | | | |
| Char. U; tols. B, D, F; min. wire size .001"; .1 ohms thru 1 kilohms | G-1-125, G-1-380 | 26-209-66 | /6 | Dale Electronics, LLC |
| **RW80** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 1.4 kilohms | G-3-125, G-3-380 | 39007-033-01 | /6 | Electronica Dale de Mexico |
| **RW81** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 487 ohms | G-1-125, G-1-380 | 39007-034-01 | /6 | Electronica Dale de Mexico |
| **RW80** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 3.16 kilohms | B3 | 26-76-67 | /6 | Pacific Resistor Company |
| **RW81** | | | | |
| Char. U; tols. F; min. wire size .001"; .1 ohms thru 649 ohms | B1 | 26-76-67 | /6 | Pacific Resistor Company |

## Manufacturer and Supplier Location Information

**Manufacturer: Ohmite Manufacturing Company (CAGE Code: 44655)**
Location: 27501 Bella Vista Parkway, Warrenville, IL 60555, US

Plants:

1. Victoreen de Mexico, S.A. de C.V., Oriente 2, #46, Esq. Lorenzo de la Garza, Cd. Industrial H. Matamoros, Tamaulipas 87494, MX

**Manufacturer: Pacific Resistor Company (CAGE Code: 06416)**
Location: 18300 Oxnard Street, Tarzana, CA 91356-1502, US

Plants:

1. Plant: Same Address as Manufacturer

**Manufacturer: Vishay Dale Electronics, LLC (CAGE Code: 91637)**
Location: P.O. Box 609, 1122 23rd Street, Columbus, NE 68602-0609, US

Plants:

1. Plant: Same Address as Manufacturer
2. Electronica Dale de Mexico S.A. de C.V., S.A. de CV, Avenue de las Torres #1950, Colonia Torres del Sur, Cd. Juarez, Chihuahua, C.P. 32170, MX