Specification Details: **Date: 9/21/2009**

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:

DSCC Office of Primary Involvement: Passive Devices Team, DSCC-VQP
Primary DSCC-VQ Contact: 614-692-0665, e-mail: vqp.go@dla.mil
Secondary DSCC-VQ Contact: 614-692-0597, e-mail: vqp.jz@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	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
RW20				
Char. V; min. wire size 0.002"; 0.1 ohms thru 8.2 kilohms	RW20	26-823-66	/2	Ohmite Manufacturing Co. (Mexico)
RW21				
Char. V; min. wire size 0.002"; 0.1 ohms thru 16 kilohms	RW21	26-823-66	/2	Ohmite Manufacturing Co. (Mexico)
RW22				
Char. V; min. wire size 0.002"; 0.1 ohms thru 36 kilohms	RW22	26-823-66	/2	Ohmite Manufacturing Co. (Mexico)
RW23				
Char. V; min. wire size 0.002"; 0.1 ohms thru 51 kilohms	RW23	26-823-66	/2	Ohmite Manufacturing Co. (Mexico)
RW24				
Char. V; min. wire size 0.002"; 0.1 ohms thru 75 kilohms	RW24	26-823-66	/2	Ohmite Manufacturing Co. (Mexico)
RW29				
Char. N; min. wire size 0.002"; 0.1 ohms thru 2.7 kilohms	RW29N	26-45-77	/3	Ohmite Manufacturing Co. (Mexico)
Char. V; min. wire size 0.002"; 0.1 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 0.002"; 0.1 ohms thru 2.7 kilohms	RW30	26-824-66	/3	Ohmite Manufacturing Co. (Mexico)
RW31				
Char. N; min. wire size 0.002"; 0.1 ohms thru 3.3 kilohms	RW31N	26-45-77	/3	Ohmite Manufacturing Co. (Mexico)
Char. V; min. wire size 0.002"; 0.1 ohms thru 6.8 kilohms	RW31	26-824-66	/3	Ohmite Manufacturing Co. (Mexico)
RW32				
Char. V; min. wire size 0.002"; 0.1 ohms thru 10 kilohms	RW32	26-824-66	/3	Ohmite Manufacturing Co. (Mexico)
RW33				
Char. N; min. wire size 0.002"; 0.1 ohms thru 8.1 kilohms	RW33N	26-45-77	/3	Ohmite Manufacturing Co. (Mexico)
Char. V; min. wire size 0.002"; 0.1 ohms thru 18 kilohms	RW33	26-824-66	/3	Ohmite Manufacturing Co. (Mexico)
RW34				
Char. V; min. wire size 0.002"; 0.1 ohms thru 30 kilohms	RW34	26-824-66	/3	Ohmite Manufacturing Co. (Mexico)
RW35				
Char. N; min. wire size 0.002"; 0.1 ohms thru 20 kilohms	RW35N	26-45-77	/3	Ohmite Manufacturing Co. (Mexico)
Char. V; min. wire size 0.002"; 0.1 ohms thru 43 kilohms	RW35	26-824-66	/3	Ohmite Manufacturing Co. (Mexico)
RW36				
Char. V; min. wire size 0.002"; 0.1 ohms thru 56 kilohms	RW36	26-824-66	/3	Ohmite Manufacturing Co. (Mexico)
RW37				
Char. N; min. wire size 0.002"; 0.1 ohms thru 43 kilohms	RW37N	26-45-77	/3	Ohmite Manufacturing Co. (Mexico)
Char. V; min. wire size 0.002"; 0.1 ohms thru 91 kilohms	RW37	26-824-66	/3	Ohmite Manufacturing Co. (Mexico)
RW38				
Char. N; min. wire size 0.002"; 0.1 ohms thru 75 kilohms	RW38N	26-45-77	/3	Ohmite Manufacturing Co. (Mexico)
Char. V; min. wire size 0.002"; 0.1 ohms thru 150 kilohms	RW38	26-824-66	/3	Ohmite Manufacturing Co. (Mexico)
RW39				
Char. V; min. wire size 0.002"; 0.1 ohms thru 200 kilohms	RW39	26-824-66	/3	Ohmite Manufacturing Co. (Mexico)
RW47				
Char. V; min. wire size 0.002"; 0.1 ohms thru 180 kilohms	RW47	26-824-66	/3	Ohmite Manufacturing Co. (Mexico)
Char. N; min. wire size 0.002"; 0.1 ohms thru 81 kilohms	RW47N	26-45-77	/3	Ohmite Manufacturing Co. (Mexico)
RW67				
Char. V; min. wire size 0.001"; 0.1 ohms thru 8.2 kilohms	RS-5-125, RS-5-70, RS-5-171	26-86-81	/4	Electronica Dale de Mexico
RW68				
Char. V; min. wire size 0.001"; 0.1 ohms thru 20 kilohms	RS-10-125, RS-10-39, RS-10-171	26-86-81	/4	Electronica Dale de Mexico
RW69				
Char. V; min. wire size 0.001"; 0.1 ohms thru 2 kilohms	RS-2C-23, RS-2C-171	26-86-81	/4	Electronica Dale de Mexico
RW67				
Char. V; min. wire size 0.001"; 0.1 ohms thru 8.2 kilohms	RW67	26-795-68, 26-349-87, 26-350-87, 26-351-87	/4	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)
RW68				
Char. V; min. wire size 0.001"; 0.1 ohms thru 20 kilohms	RW68	26-795-68, 26-349-87, 26-350-87, 26-351-87	/4	Ohmite Manufacturing Co. (Mexico)
RW69				
Char. V; min. wire size 0.001"; 0.1 ohms thru 2 kilohms	RW69	26-795-68, 26-349-87, 26-350-87, 26-351-87	/4	Ohmite Manufacturing Co. (Mexico)
RW55				
Char. V; min. wire size 0.002"; 0.1 ohms thru 5.1 kilohms	56AC	26-73-67	/4	Pacific Resistor Company
RW56				
Char. V; min. wire size 0.002"; 0.1 ohms thru 9.1 kilohms	56AC	26-73-67	/4	Pacific Resistor Company
RW67				
Char. V; min. wire size 0.001"; 0.1 ohms thru 8.2 kilohms	5A	26-563-67	/4	Pacific Resistor Company
RW68				
Char. V; min. wire size 0.001"; 0.1 ohms thru 20 kilohms	10A	26-563-67	/4	Pacific Resistor Company
RW69				
Char. V; min. wire size 0.001"; 0.1 ohms thru 2 kilohms	MN1A	26-563-67	/4	Pacific Resistor Company
RW67				
Char. V; min. wire size 0.001"; 0.1 ohms thru 8.2 kilohms	RS-5-125, RS-5-70, RS-5-171	26-179-66	/4	Vishay Dale Electronics, Inc.
RW68				
Char. V; min. wire size 0.001"; 0.1 ohms thru 20 kilohms	RS-10-125, RS-10-39, RS-10-171	26-719-66	/4	Vishay Dale Electronics, Inc.
RW69				
Char. V; min. wire size 0.001"; 0.1 ohms thru 2 kilohms	RS-2C-23, RS-2C-171	26-719-66	/4	Vishay Dale Electronics, Inc.
RW70				
Char. U; tol. F; min. wire size 0.001"; 0.1 ohms thru 1.21 kilohms	RS-1A-300, RS-1A-125	26-85-81	/5	Electronica Dale de Mexico
RW74				
Char. U; tol. F; min. wire size 0.001"; 0.1 ohms thru 9.09 kilohms	RS-5-69, RS-5-125	26-020-97	/5	Electronica Dale de Mexico
RW78				
Char. U; tol. F; min. wire size 0.001"; 0.1 ohms thru 26.7 kilohms	RS-10-38, RS-10-125	26-020-97	/5	Electronica Dale de Mexico
RW79				
Char. U; tol. F; min. wire size 0.001"; 0.1 ohms thru 2.43 kilohms	RS-2B-300, RS-2B-125	26-022-97	/5	Electronica Dale de Mexico
RW70				
Char. U; tol. B, D, F; min. wire size 0.001"; 0.1 ohms thru 3.16 kilohms	RW70	26-348-87	/5	Ohmite Manufacturing Co. (Mexico)
RW74				
Char. U; tol. B, D, F; min. wire size 0.001"; 0.1 ohms thru 38.3 kilohms	RW74	23-347-87	/5	Ohmite Manufacturing Co. (Mexico)
RW78				
Char. U; tol. B, D, F; min. wire size 0.001"; 0.1 ohms thru 90.9 kilohms	RW78	23-347-87	/5	Ohmite Manufacturing Co. (Mexico)
RW79				
Char. U; tol. B, D, F; min. wire size 0.001"; 0.1 ohms thru 10.5 kilohms	RW79	26-348-87	/5	Ohmite Manufacturing Co. (Mexico)
RW70				
Char. U; tol. F; min. wire size 0.001"; 0.1 ohms thru 3.16 kilohms	15A	26-75-67	/5	Pacific Resistor Company

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; tol. F; min. wire size 0.001"; 0.1 ohms thru 12.1 kilohms	5AV	26-74-67	/5	Pacific Resistor Company
RW78				
Char. U; tol. F; min. wire size 0.001"; 0.1 ohms thru 40.2 kilohms	10AV	26-74-67	/5	Pacific Resistor Company
RW79				
Char. U; tol. F; min. wire size 0.001"; 0.1 ohms thru 6.04 kilohms	N1A	26-75-67	/5	Pacific Resistor Company
RW70				
Char. U; tol. B, D, F; min. wire size 0.001"; 0.1 ohms thru 2.74 kilohms	RS-1A-300, RS-1A-125	26-208-66	/5	Vishay Dale Electronics, Inc.
RW74				
Char. U; tol. B, D, F; min. wire size 0.001"; 0.1 ohms thru 24.3 kilohms	RS-5-69, RS-5-125	26-207-66	/5	Vishay Dale Electronics, Inc.
RW78				
Char. U; tol. B, D, F; min. wire size 0.001"; 0.1 ohms thru 71.5 kilohms	RS-10-38, RS-10-125	26-207-66	/5	Vishay Dale Electronics, Inc.
RW79				
Char. U; tol. B, D, F; min. wire size 0.001"; 0.1 ohms thru 6.49 kilohms	RS-2B-300, RS-2B-125	26-208-66	/5	Vishay Dale Electronics, Inc.
RW80				
Char. U; tol. F; min. wire size 0.001"; 0.1 ohms thru 3.16 kilohms	B3	26-76-67	/6	Pacific Resistor Company
RW81				
Char. U; tol. F; min. wire size 0.001"; 0.1 ohms thru 649 ohms	B1	26-76-67	/6	Pacific Resistor Company
RW80				
Char. U; tol. B, D, F; min. wire size 0.001"; 0.1 ohms thru 2.74 kilohms	G-3-125, G-3-380	26-209-66	/6	Vishay Dale Electronics, Inc.
RW81				
Char. U; tol. B, D, F; min. wire size 0.001"; 0.1 ohms thru 1 kilohms	G-1-125, G-1-380	26-209-66	/6	Vishay Dale Electronics, Inc.

Manufacturer and Supplier Location Information

Manufacturer: Ohmite Manufacturing Company (CAGE Code: 44655)

Location: 1600 Golf Road, Suite 850, Rolling Meadows, IL 60008-4204, US

Plant Location: Ohmite Manufacturing Co. (Mexico), Victoreen de Mexico, S.A. de C.V., Oriente 2, #46, Cd. Industrial Apdo. Postal 171, Matamoros, Tam. 87499, Mexico

Manufacturer: Pacific Resistor Company (CAGE Code: 06416)

Location: 18300 Oxnard Street, Tarzana, CA 91356-1502, US

Plant Location: Same Address as Manufacturer

Manufacturer: Vishay Dale Electronics, Inc. (CAGE Code: 91637)

Location: P.O. Box 609, 1122 23rd Street, Columbus, NE 68602-0609, US

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