

Specification Details:

Specification: MIL-PRF-18546

Title: Resistors, Fixed, Wire-Wound (Power Type, Chassis Mounted)

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: Yes

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 a Style, Characteristic, and Resistance value.

Style: The style is identified by the two letter symbol "RE" followed by a two digit number; the letters identify chassis mounted, power type, wire wound, fixed resistor, and the number identifies the size and power rating of the resistor.

Characteristic: The characteristic is identified by a single letter which identifies the maximum continuous operating temperature, and inductive (G) or noninductive (N) method of winding.

Resistance: The nominal resistance value expressed in ohms is identified by a four digit number; the first three represent significant figures, and the last digit specifies the number of zeros to follow. Where fractional values of an ohm, and values of less than 100 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, the succeeding digits become significant.

Part Configuration:**RE65G1001**

Style	Characteristic	Resistance
RE65	G	1001

Part Listings:

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
RE60				
Char. G; 0.1 ohms thru 3.32 kilohms	RH-5	18546-009-96	/1	Electronica Dale de Mexico S.A. de C.V.
Char. N; 1 ohms thru 1.65 kilohms	NH-5 (Non-ind)	18546-009-96	/1	Electronica Dale de Mexico S.A. de C.V.
Char. G; 0.1 ohms thru 3.32 kilohms	5CH, 5CHN	18546-505-67	/1	Pacific Resistor Company
Char. N; 1 ohms thru 1.65 kilohms	5CHN, 5CHN	18546-505-67	/1	Pacific Resistor Company
Char. G; 0.1 ohms thru 3.32 kilohms	RH-5	18546-749-66	/1	Vishay Dale Electronics, Inc.
Char. N; 1 ohms thru 1.65 kilohms	NH-5 (Non-ind)	18546-749-66	/1	Vishay Dale Electronics, Inc.
RE65				
Char. G; 0.1 ohms thru 5.62 kilohms	RH-10	18546-009-96	/1	Electronica Dale de Mexico S.A. de C.V.
Char. N; 1 ohms thru 2.8 kilohms	NH-10 (Non-ind)	18546-009-96	/1	Electronica Dale de Mexico S.A. de C.V.
Char. G; 0.1 ohms thru 5.62 kilohms	10CH, 10CHN	18546-751-68	/1	Pacific Resistor Company
Char. N; 1 ohms thru 1.65 kilohms	10CH, 10CHN	18546-751-68	/1	Pacific Resistor Company
Char. G; 0.1 ohms thru 5.62 kilohms	RH-10	18546-750-66	/1	Vishay Dale Electronics, Inc.
Char. N; 1 ohms thru 2.8 kilohms	NH-10 (Non-ind)	18546-750-66	/1	Vishay Dale Electronics, Inc.
RE70				
Char. G; 0.1 ohms thru 12.1 kilohms	RH-25	18546-009-96	/1	Electronica Dale de Mexico S.A. de C.V.
Char. N; 1 ohms thru 6.04 kilohms	RH-25 (Non-ind)	18546-009-96	/1	Electronica Dale de Mexico S.A. de C.V.
Char. G; 0.1 ohms thru 12.1 kilohms	25CH	18546-1153-65	/1	Pacific Resistor Company
Char. N; 1 ohms thru 6.04 kilohms	25CH	18546-1153-65	/1	Pacific Resistor Company
Char. G; 0.1 ohms thru 12.1 kilohms	RH-25	18546-751-66	/1	Vishay Dale Electronics, Inc.
Char. N; 1 ohms thru 6.04 kilohms	RH-25 (Non-ind)	18546-751-66	/1	Vishay Dale Electronics, Inc.
RE75				
Char. G; 0.1 ohms thru 39.2 kilohms	RH-50	18546-009-96	/1	Electronica Dale de Mexico S.A. de C.V.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
Char. N; 1 ohms thru 19.6 kilohms	RH-50 (Non-ind)	18546-009-96	/1	Electronica Dale de Mexico S.A. de C.V.
Char. G; 0.1 ohms thru 39.2 kilohms	50CHN	18546-1290-65	/1	Pacific Resistor Company
Char. N; 1 ohms thru 19 kilohms	50CHN	18546-1290-65	/1	Pacific Resistor Company
Char. G; 0.1 ohms thru 39.2 kilohms	RH-50	18546-752-66	/1	Vishay Dale Electronics, Inc.
Char. N; 1 ohms thru 19.6 kilohms	RH-50 (Non-ind)	18546-752-66	/1	Vishay Dale Electronics, Inc.
RE77				
Char. G; 0.05 ohms thru 29.4 kilohms	RH-100	18546-010-96	/2	Electronica Dale de Mexico S.A. de C.V.
Char. N; 1 ohms thru 14.7 kilohms	RH-100 (Non-ind)	18546-010-96	/2	Electronica Dale de Mexico S.A. de C.V.
Char. G; 0.05 ohms thru 29.4 kilohms	RH-100	18546-901-60	/2	Vishay Dale Electronics, Inc.
Char. N; 1 ohms thru 14.7 kilohms	RH-100 (Non-ind)	08546-901-60	/2	Vishay Dale Electronics, Inc.
RE80				
Char. G; 0.1 ohms thru 35.7 kilohms	RH-250	18546-010-96	/2	Electronica Dale de Mexico S.A. de C.V.
Char. N; 1 ohms thru 17.4 kilohms	RH-250 (Non-ind)	18546-010-96	/2	Electronica Dale de Mexico S.A. de C.V.
Char. G; 0.1 ohms thru 35.7 kilohms	RH-250	18546-376-91	/2	Vishay Dale Electronics, Inc.
Char. N; 1 ohms thru 17.4 kilohms	RH-250 (Non-ind)	18546-676-91	/2	Vishay Dale Electronics, Inc.

Manufacturer and Supplier Location Information

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 C.V., Avenue de las Torres #1950, Colonia Torres del Sur, Cd. Juarez, Chihuahua, Mexico C.P. 32170