

Specification Details:

Specification: MIL-PRF-94
 Title: Resistor, Variable, Composition
 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 Branch, 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, Bushing, Switch, Temperature and moisture resistance characteristic, Operating shaft, Resistance, and Resistance characteristic.

Style: The style is identified by the two letter symbol "RV" followed by a one digit number. The letters identify composition, variable resistors and the number identifies the size and power rating.

Bushing: The type of bushing is identified by a single letter.

Switch: The type of switch or absence of a switch is identified by a single letter.

Temperature and moisture-resistance characteristic: The temperature and moisture resistance characteristic is identified by a single letter.

Operating shaft: The operating shaft styles and lengths are identified by a two digit symbol. The first letter indicates operating shaft, and the second letter indicates operating shaft length, as specified.

Resistance: The nominal resistance value expressed in ohms is identified by a three digit number. The first two digits represent significant figures and the last specified the number of zeros to follow.

Resistance characteristic: The resistance characteristic is identified by a single letter.

Part Configuration:

RV2NAYS103A

Style	Bushing	Switch	Temperature and Moisture-Resistance Characteristic	Operating Shaft	Resistance	Resistance Characteristic
RV2	N	A	Y	SD	103	A

Part Listings:

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
2RV7 Bushings L, N, S; without a switch; temp. and moisture res. char. Y; shafts SA, SB, SD, SG, SJ, SK, SN; res. values 50 ohms thru 5 megohms; res. chars. A	JJ	94-878-90	/6	Clarostat Manufacturing Co. Inc.
2RV7 Bushings L, N, S, T; without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FG, FJ, FK, FN, SA, SB, SD, SG, SJ, SK, SN; res. values 50 ohms thru 5 megohms; res. chars. A	KK	PEC-73-1-KK w/Supp Rpt No. 1	/6	Precision Electronics Corp.
RV2 Bushings L, N, S; with and without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FG, FJ, FK, SA, SB, SD, SG, SJ, SK; res. values 100 ohms thru 2.5 megohms; res. chars. A, B, C, D, E, F	N	PEC-68-2-N	/4	Precision Electronics Corp.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
RV4				
Bushings L, N, S, T; with and without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FG, FJ, FK, FN, SA, SB, SD, SG, SJ, SK, SN; res. values 50 ohms thru 1 megohms; res. chars. A, B	53C	94-198-91	/5	Clarostat Manufacturing Co. Inc.
RV4				
Bushings L, N, S, T; with and without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FG, FJ, FK, FN, SA, SB, SD, SG, SJ, SK, SN; res. values 250 ohms thru 500 kilohms; res. chars. C, D, E, F	53C	94-198-91	/5	Clarostat Manufacturing Co. Inc.
RV4				
Bushings L, N, S, T; with and without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FG, FJ, FK, FN, SA, SB, SD, SG, SJ, SK, SN; res. values 500 kilohms thru 2.5 megohms; res. chars. D, F	53C	94-198-91	/5	Clarostat Manufacturing Co. Inc.
RV4				
Bushings L, N, S, T; with and without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FG, FJ, FK, FN, SA, SB, SD, SG, SJ, SK, SN; res. values 1 megohms thru 5 megohms; res. chars. B	53C	94-198-91	/5	Clarostat Manufacturing Co. Inc.
RV4				
Bushings L, N, S, T; with and without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FG, FJ, FK, FN, SA, SB, SD, SG, SJ, SK, SN; res. values 50 ohms thru 5 megohms; res. chars. A, B, C, D, E, F	Type K	484-13/C-9704	/5	Precision Electronics Corp.
RV5				
Bushings L, N, S; without a switch; temp. and moisture res. char. Y; shafts SB, SD, SL; res. values 250 ohms thru 2.5 megohms; res. chars. A, B, C, D, E, F	T	PEC-68-1-T	/2	Precision Electronics Corp.
RV6				
Bushings L, N, S, T; without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FL, SA, SB, SD, SL; res. values 100 ohms thru 1 megohms; res. chars. A, B	392M	94-583-91	/3	Clarostat Manufacturing Co. Inc.
RV6				
Bushings L, N, S, T; without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FL, SA, SB, SD, SL; res. values 500 ohms thru 250 kilohms; res. chars. C, D, E, F	392M	94-583-91	/3	Clarostat Manufacturing Co. Inc.
RV6				
Bushings L, N, S, T; without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FL, SA, SB, SD, SL; res. values 250 kilohms thru 1 megohms; res. chars. D, F	392M	94-583-91	/3	Clarostat Manufacturing Co. Inc.
RV6				
Bushings L, N, S; without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FL, SA, SB, SD, SL; res. values 100 ohms thru 5 megohms; res. chars. A, B, C, D, E, F	S, SM, SML	484-09E	/3	Precision Electronics Corp.
RV8				
Bushings L, N, S, T; without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FL, SA, SB, SD, SL; res. values 100 ohms thru 1 megohms; res. chars. A, B	392MPC	94-586-91	/7	Clarostat Manufacturing Co. Inc.
RV8				
Bushings L, N, S, T; without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FL, SA, SB, SD, SL; res. values 500 ohms thru 250 kilohms; res. chars. C, D, E, F	392MPC	94-586-91	/7	Clarostat Manufacturing Co. Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
RV8 Bushings L, N, S, T; without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FL, SA, SB, SD, SL; res. values 250 kilohms thru 1 megohms; res. chars. D, F	392MPC	94-586-91	/7	Clarostat Manufacturing Co. Inc.
RV8 Bushings L, N, S, T; without a switch; temp. and moisture res. char. Y; shafts FA, FB, FD, FL, SA, SB, SD, SL; res. values 100 ohms thru 2.5 megohms; res. chars. A, B, C, D, E, F	SPR	94-206-89	/7	Precision Electronics Corp.

Manufacturer and Supplier Location Information

Manufacturer: Clarostat Sensors & Controls (CAGE Code: 12697)

Location: 12055 Rojas Drive, Suite K, El Paso, TX 79936-2323, US

Plants:

1. Honeywell Optoelectronica, Ave. Parque Industrial Juarez #3328, Cd. Juarez, Mex. C.P. 32630, Mexico

Manufacturer: Precision Electronics Corp. (CAGE Code: 35627)

Location: 70 Bartor Road, North York, Ontario M9M 2G5, Canada

Plants:

1. Same Address as Manufacturer

Authorized Distributors:

2RV7, RV4 and RV6 styles only.

1. ETI Systems, CAGE Code: 0YA89, 1954 Kellogg Avenue, Carlsbad, CA, 92008, US
2. Ohmite Manufacturing Company, CAGE Code: 44655, 1600 Golf Road, Suite 850, Rolling Meadows, IL, 60008, US