

**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:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP  
 Primary Qualifying Activity Contact: 614-692-0597, e-mail: vqp.jz@dla.mil  
 Secondary Qualifying Activity Contact: 614-692-0609, e-mail: vqp.do@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.

Contact the manufacturer or refer to the manufacturers website for a list of Authorized Distributors.

**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)
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**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

Honeywell S&C

**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.

## PART LISTINGS

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
<b>RV2</b>				
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.
<b>RV4</b>				
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	Honeywell S&C
<b>RV4</b>				
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	Honeywell S&C
<b>RV4</b>				
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	Honeywell S&C
<b>RV4</b>				
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	Honeywell S&C
<b>RV4</b>				
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.
<b>RV5</b>				
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.
<b>RV6</b>				
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	Honeywell S&C
<b>RV6</b>				
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	Honeywell S&C
<b>RV6</b>				
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	Honeywell S&C
<b>RV6</b>				
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.
<b>RV8</b>				
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	Honeywell S&C

**PART LISTINGS**

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
<b>RV8</b> 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	Honeywell S&C
<b>RV8</b> 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	Honeywell S&C
<b>RV8</b> 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.

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Honeywell S&C (CAGE Code: 12697)**

Location: 12220 Rojas Drive, Suite SC, El Paso, TX 79936-7713, US

## Plants:

1. Honeywell Optoelectronica S DE RL DE CV, 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. Plant: Same Address as Manufacturer