**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:**

<table>
<thead>
<tr>
<th>Style</th>
<th>Bushing</th>
<th>Switch</th>
<th>Temperature and Moisture-Resistance Characteristic</th>
<th>Operating Shaft</th>
<th>Resistance</th>
<th>Resistance Characteristic</th>
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</thead>
<tbody>
<tr>
<td>RV2</td>
<td>N</td>
<td>A</td>
<td>Y</td>
<td>SD</td>
<td>103</td>
<td>A</td>
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**Part Listings:**

<table>
<thead>
<tr>
<th>GOVERNMENT DESIGNATION</th>
<th>MANUFACTURER'S DESIGNATION OR TYPE NUMBER</th>
<th>TEST OR QUALIFICATION REFERENCE</th>
<th>SPECIFICATION SHEET</th>
<th>SUPPLIER'S NAME (ADDRESS ON LAST PAGE)</th>
</tr>
</thead>
</table>

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.
<table>
<thead>
<tr>
<th>GOVERNMENT DESIGNATION</th>
<th>MANUFACTURER’S DESIGNATION OR TYPE NUMBER</th>
<th>TEST OR QUALIFICATION REFERENCE</th>
<th>SPECIFICATION SHEET</th>
<th>SUPPLIER’S NAME (ADDRESS ON LAST PAGE)</th>
</tr>
</thead>
<tbody>
<tr>
<td>RV4</td>
<td>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</td>
<td>Type K 484-13/C-9704</td>
<td>/5</td>
<td>Precision Electronics Corp.</td>
</tr>
<tr>
<td>RV5</td>
<td>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</td>
<td>T PEC-68-1-T</td>
<td>/2</td>
<td>Precision Electronics Corp.</td>
</tr>
<tr>
<td>RV6</td>
<td>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</td>
<td>392M 94-583-91</td>
<td>/3</td>
<td>Clarostat Manufacturing Co. Inc.</td>
</tr>
<tr>
<td>RV6</td>
<td>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. values 250 kilohms thru 1 megohms; res. chars. C, D, E, F</td>
<td>392M 94-583-91</td>
<td>/3</td>
<td>Clarostat Manufacturing Co. Inc.</td>
</tr>
<tr>
<td>RV6</td>
<td>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</td>
<td>S, SM, SML 484-09E</td>
<td>/3</td>
<td>Precision Electronics Corp.</td>
</tr>
<tr>
<td>RV8</td>
<td>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</td>
<td>392MPC 94-586-91</td>
<td>/7</td>
<td>Clarostat Manufacturing Co. Inc.</td>
</tr>
<tr>
<td>RV8</td>
<td>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</td>
<td>392MPC 94-586-91</td>
<td>/7</td>
<td>Clarostat Manufacturing Co. Inc.</td>
</tr>
<tr>
<td>GOVERNMENT DESIGNATION</td>
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<td>------------------------</td>
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<tr>
<td>RV8</td>
<td>392MPC</td>
<td>94-586-91</td>
<td>/7</td>
<td>Clarostat Manufacturing Co. Inc.</td>
</tr>
<tr>
<td>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</td>
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<td></td>
<td></td>
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</tr>
<tr>
<td>RV8</td>
<td>SPR</td>
<td>94-206-89</td>
<td>/7</td>
<td>Precision Electronics Corp.</td>
</tr>
<tr>
<td>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</td>
<td></td>
<td></td>
<td></td>
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</tr>
</tbody>
</table>
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