**Specification Details:** **Date: 4/1/2008**

Specification: MIL-PRF-22097
Title: Resistor, Variable, Nonwire Wound (Adjustment 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 a Style, Characteristic, Terminals, and Resistance.

Style: The style is identified by two letter symbol “RJ” followed by a two-digit number. The letters identify adjustment type, nonwirewound, variable resistors and the number identifies the physical size.

Characteristic: The characteristic is identified by a single letter.

Terminals: The terminals are identified by a single letter.

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

**Part Configuration:**

**RJ24FY103**

| Style | Characteristic | Terminals | Resistance |
|---|---|---|---|
| RJ24 | F | Y | 103 |

**Part Listings:**

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFICATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| **RJ11** | | | | |
| Char. A; res. values 100 ohms thru 1 megohms; terms. S | R | 22097-83-92 | /1 | Clarostat-Honeywell Sensing & Control |
| **RJ12** | | | | |
| Char. F; res. values 10 ohms thru 1 megohms; terms. P, Y | B3059 | 22097-645-91 | /2 | Bourns de Mexico |
| **RJ22** | | | | |
| Char. F; res. values 10 ohms thru 1 megohms; terms. L, P, W, X | A3252L<br>A3252P<br>A3252W<br>A3252X | 22097-1026-78 | /3 | Bourns de Mexico |
| **RJ24** | | | | |
| Char. F; res. values 10 ohms thru 500 kilohms; terms. L | B3292L | 22097-962-95 | /4 | Bourns de Mexico |
| **RJ24** | | | | |
| Char. F; res. values 10 ohms thru 1 megohms; terms. P, W, X | 3296 | 22097-7-93 | /4 | Bourns-Trimpot Electronicas |
| **RJ26** | | | | |
| Char. F; res. values 10 ohms thru 1 megohms; terms. P, W, X | D3262-100<br>D3262-105<br>D3262P-1<br>D3262W<br>D3262X | 22097-8-92 | /5 | Bourns-Trimpot Electronicas |

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| **RJ26** | | | | |
| Char. F; res. values 20 ohms thru 5 kilohms; terms. P, W, X | 1242 | 22097-115-80 | /5 | Vishay Israel, Ltd. |
| **RJ50** | | | | |
| Char. F; res. values 10 ohms thru 1 megohms; terms. P | B3322P-1 | 22097-9-92 | /6 | Bourns de Mexico |

## Manufacturer and Supplier Location Information

**Manufacturer: Bourns, Inc. (CAGE Code: 32997)**

Location: Trimpot Products Division, 1200 Columbia Avenue, Riverside, CA 92507-2114, US

Plant Locations:
1. Bourns de Mexico, Blvd. Aquacalineta E1601-A, Centro Industrial, Barranquitas, Tijuana, BC, Mexico
2. Bourns-Trimpot Electronicas, Del Cruce A San Antonio, Canas-150 MTS AL Ceste, DE Belen Autopista, Heredia, Costa Rica

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

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

Plant Location: Clarostat-Honeywell Sensing & Control, ACP Autimation & Control Products, Vincento Guerrero 7470-A, Complejo Industrial Fuentes, CD. Juarez, Chih. 32320, Mexico

**Manufacturer: Vishay Intertechnology, Inc. (CAGE Code: 18612)**

Location: 63 Lincoln Highway, Malvern, PA 19355-2143, US

Plant Location: Vishay Israel, Ltd., 2 Ha'ofan Street, Holon 58125, Israel