**Specification Details:** **Date: 5/2/2018**

Specification: MIL-PRF-39017
Title: Resistors, Fixed, Film (Insulated)
Federal Supply Class (FSC): 5905
Conventional: No
Specification contains quality assurance program: No
MIL-STD-790 Established Reliability & High Reliability: Yes
MIL-STD-690 Failure Rate Sampling Plans & Procedures: Yes
Weibull Graded: No
Specification contains space level reliability requirements: No
Specification allows test optimization: Yes

**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: 614-692-2063, e-mail: vqp.ahc@dla.mil

**Notes:**

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE U.S. ARMY COMMUNICATIONS-ELECTRONICS COMMAND AND FORT MONMOUTH. The activity designated as agent for all contacts relative to this QPL is DLA Land and Maritime - VQ, Columbus, OH 43218-3990.

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

Per Amendment 2 of MIL-R-39017/1 and MIL-R-39017/5, a requirement was added for a one-digit code to be marked on the resistor to identify each manufacturer. The codes for the manufacturers are as as follows:

Vishay Dale will use the code D.
IRC Shallcross will use the code R.

**Part Configuration:**

RLR20C1002FM

| Style | Terminal | Resistance | Resistance Tolerance | Product Level Designator |
|---|---|---|---|---|
| RLR20 | C | 1002 | F | M |

**PART LISTINGS**

| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
|---|---|---|---|---|
| **RLR05** | | | | |
| Terms. C; 301 kilohms thru 1 megohms; tols. F, G; life failure rates C, M | ERL-05, ERL-05-19 | 39017-303-87; 39017-379-85 | /5 | Dale Electronics, LLC |
| Terms. C; 4.7 ohms thru 100 kilohms; tols. F, G; life failure rates C, M, P, R, S | ERL-05, ERL-05, ERL-05-19, ERL-05-19 | 39017-303-87; 39017-379-85 | /5 | Dale Electronics, LLC |
| Terms. C; 100 kilohms thru 301 kilohms; tols. F, G; life failure rates C, M, P | ELR-05, ELR-05-19, ERL-05, ERL-05-19 | 39017-303-87; 39017-379-85 | /5 | Dale Electronics, LLC |
| **RLR07** | | | | |
| Terms. C; 10 ohms thru 3.01 megohms; tols. F, G; life failure rates C, M, P, R, S | ERL-07, ERL-07, ERL-07-23, ERL-07-23 | 39012-154-91; 39017-303-87; 39017-755-82 | /1 | Dale Electronics, LLC |
| Terms. C; 3.01 megohms thru 10 megohms; tols. F, G; life failure rates C, M | ERL-07, ERL-07, ERL-07-23, ERL-07-23 | 39017-154-91; 39017-303-87; 39017-755-82 | /1 | Dale Electronics, LLC |
| Terms. C; 1 ohms thru 9.76 ohms; tols. F, G; life failure rates M | ERL-07, ERL-07, ERL-07-23 | 39017-037-97; 39017-154-91; 39017-303-87; 39017-755-82 | /1 | Dale Electronics, LLC |
| **RLR20** | | | | |
| Terms. C; 4.3 ohms thru 3.01 megohms; tols. F, G; life failure rates M, P, R, S | ERL-20, ERL-20, ERL-20-11, ERL-20-11 | 39017-303-87; 39017-957-76 | /2 | Dale Electronics, LLC |
| **RLR32** | | | | |

| PART LISTINGS | | | | |
|---|---|---|---|---|
| GOVERNMENT DESIGNATION | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFI-CATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
| Terms. C; 1 ohms thru 2.7 megohms; tols. F, G; life failure rates M, P, R | ERL-32, ERL-32 | 39017-070-97 | /3 | Dale Electronics, LLC |

## Manufacturer and Supplier Location Information

**Manufacturer: Dale Electronics, LLC (CAGE Code: 91637)**

Location: P.O. Box 609, 1122 23rd Street, Columbus, NE 68602-0609, US

Plants:

1. Plant: Same Address as Manufacturer