Specification Details: **Date: 1/29/2014**

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: 614-692-0609, e-mail: vqp.do@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; 10 ohms thru 301 kilohms; tols. F, G; life failure rates C, M, P, R, S	RGR05, RGR05, RGRA-05, RGRA05	39017-895-80	/5	IRC/TT Electronics
Terms. C; 4.7 ohms thru 301 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	Vishay Dale (Columbus, NE)
Terms. C; 301 kilohms thru 1 megohms; tols. F, G; life failure rates C, M, P, R	ELR-05, ELR-05-19, ERL-05, ERL-05-19	39017-303-87; 39017-379-85	/5	Vishay Dale (Columbus, NE)
RLR07				
Terms. C; 10 ohms thru 3.01 megohms; tols. F, G; life failure rates C, M, P, R, S	RGR07, RGR07	39017-320-76	/1	IRC/TT Electronics
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	Vishay Dale (Columbus, NE)
Terms. C; 3.01 megohms thru 10 megohms; tols. F, G; life failure rates C, M, P, R	ERL-07, ERL-07, ERL-07-23, ERL-07-23	39017-154-91; 39017-303-87; 39017-755-82	/1	Vishay Dale (Columbus, NE)
Terms. C; 1 ohms thru 9.76 ohms; tols. F, G; life failure rates M	ERL-07, ERL-07	39017-037-97	/1	Vishay Dale (Columbus, NE)
RLR20				
Terms. C; 4.3 ohms thru 3.01 megohms; tols. F, G; life failure rates C, M, P, R, S	RGR20	39017-321-76; 39017-3812-13	/2	IRC MEXICALI
Terms. C; 4.3 ohms thru 3.01 megohms; tols. F, G; life failure rates C, M, P, R, S	RGR20, RGR20	39017-321-76	/2	IRC/TT Electronics

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; 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	Vishay Dale (Columbus, NE)
RLR32				
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	Vishay Dale (Columbus, NE)

Manufacturer and Supplier Location Information

Manufacturer: IRC MEXICALI (CAGE Code: SQQ65)
Location: AV. CIRCULO DE LA AMISTAD # IO2, PARQUE INDUSTRIAL MEXICALI IY, C.P. 21210 MEXICALI B.C., MX

Plants:
1. Plant: Same Address as Manufacturer

Manufacturer: IRC/TT Electronics (CAGE Code: 11502)
Location: International Resistive Company, Inc, P.O. Box 1860, 736 Greenway Road, Boone, NC 28607-4830, US

Plants:
1. Plant: Same Address as Manufacturer

Manufacturer: Vishay Dale Electronics, Inc. (CAGE Code: 91637)
Location: P.O. Box 609, 1122 23rd Street, Columbus, NE 68602-0609, US

Plants:
1. Plant: Same Address as Manufacturer