

DLA Weapons Support (Columbus) - VQ
Supplemental Information Sheet for Electronic QPL-39022

Date: 12/11/2025

Specification Details:

Specification: MIL-PRF-39022
 Title: Capacitor, Fixed, Metallized, (Paper-Plastic or Plastic) Film Dielectric, A.C./D.C. (Hermetically Sealed in Metal or Ceramic Cases)
 Federal Supply Class (FSC): 5910
 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: Electronic Devices Branch, DLA Land and Maritime - VQE
 Primary Qualifying Activity Contact: 614-693-2499, e-mail: vqe.yw@dla.mil
 Secondary Qualifying Activity Contact: 614-693-0022, e-mail: vqe.zc@dla.mil

Notes:

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

Part Configuration:

M39022/01-1261

Performance Specification Number	Specification Sheet Number	Nonsignificant Dash Number
M39022	/01	-1261

PART LISTINGS

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI- CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CHR09				
Cap values .01 uF thru 12 uF; volts 50; tols. J, K; life failure rates M, P, R; circuit 1, 3	CHR09	39022-913-71	/1	Exxelia USA Inc.
Cap values .1 uF thru 12 uF; volts 200; tols. J, K; life failure rates M, P, R; circuit 1, 3	CHR09	39022-913-71	/1	Exxelia USA Inc.
Cap values .04 uF thru 3.3 uF; volts 400; tols. J, K; life failure rates M, P, R; circuit 1, 3	CHR09	39022-913-71	/1	Exxelia USA Inc.
Cap values .01 uF thru 2.2 uF; volts 600; tols. J, K; life failure rates M, P, R; circuit 1, 3	CHR09	39022-913-71	/1	Exxelia USA Inc.
CHR10				
Cap values .04 uF thru 22 uF; volts 50; tols. F, G, J, K; life failure rates M, P, R; circuit 1, 3	CHR10	83421-431-83	/10	Electronic Concepts, Inc.
Cap values .01 uF thru 22 uF; volts 100; tols. F, G, J, K; life failure rates M, P, R; circuit 1, 3	CHR10	83421-431-83	/10	Electronic Concepts, Inc.
Cap values .01 uF thru 10 uF; volts 200; tols. F, G, J, K; life failure rates M, P, R; circuit 1, 3	CHR10	83421-431-83	/10	Electronic Concepts, Inc.
Cap values .01 uF thru 3.9 uF; volts 300; tols. F, G, J, K; life failure rates M, P, R; circuit 1, 3	CHR10	83421-431-83	/10	Electronic Concepts, Inc.
Cap values .01 uF thru 2.7 uF; volts 400; tols. F, G, J, K; life failure rates M, P, R; circuit 1, 3	CHR10	83421-431-83	/10	Electronic Concepts, Inc.
Cap values .01 uF thru 1 uF; volts 600; tols. F, G, J, K; life failure rates M, P, R; circuit 1, 3	CHR10	83421-431-83	/10	Electronic Concepts, Inc.
CHR12				
Cap values .15 uF thru 12 uF; volts 50; tols. J, K; life failure rates M, P, R; circuit 1, 3	CHR12	39022-913-71	/8	Exxelia USA Inc.
Cap values .1 uF thru 12 uF; volts 200; tols. J, K; life failure rates M, P, R; circuit 1, 3	CHR12	39022-913-71	/8	Exxelia USA Inc.
Cap values .04 uF thru 3.3 uF; volts 400; tols. J, K; life failure rates M, P, R; circuit 1, 3	CHR12	39022-913-71	/8	Exxelia USA Inc.

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CHR12				
Cap values .01 uF thru 2.2 uF; volts 600; tols. J, K; life failure rates M, P, R; circuit 1, 3	CHR12	39022-913-71	/8	Exxelia USA Inc.
CHR19				
Cap values .1 uF thru 8.2 uF; volts 200; tols. J, K; life failure rates M, P, R; circuit 1, 3	CHR19	39022-913-71	/2	Exxelia USA Inc.
Cap values .04 uF thru 3.3 uF; volts 400; tols. J, K; life failure rates M, P, R; circuit 1, 3	CHR19	39022-913-71	/2	Exxelia USA Inc.
CHR26				
Cap values 10 uF thru 10 uF; volts 80; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 9 uF thru 9 uF; volts 90; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 8 uF thru 8 uF; volts 100; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 6.8 uF thru 6.8 uF; volts 110; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 4.7 uF thru 4.7 uF; volts 130; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 4 uF thru 4 uF; volts 135; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 3.3 uF thru 3.3 uF; volts 140; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 2.5 uF thru 2.5 uF; volts 145; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 2.2 uF thru 2.2 uF; volts 150; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 1.5 uF thru 1.5 uF; volts 155; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values .1 uF thru 1 uF; volts 165; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 2.2 uF thru 2.2 uF; volts 200; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 1.5 uF thru 1.5 uF; volts 235; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values 1 uF thru 1 uF; volts 270; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values .82 uF thru .82 uF; volts 280; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values .68 uF thru .68 uF; volts 290; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values .1 uF thru .47 uF; volts 300; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values .56 uF thru .68 uF; volts 350; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values .39 uF thru .47 uF; volts 370; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values .27 uF thru .33 uF; volts 380; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values .18 uF thru .22 uF; volts 385; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values .12 uF thru .15 uF; volts 390; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.
Cap values .01 uF thru .1 uF; volts 400; tols. K; life failure rates M, P, R, S	859P	39022-059-00; 39022-060-00	/12	Exxelia USA Inc.

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CHR27				
Cap values .04 uF thru 22 uF; volts 50; tols. F, G, J, K; life failure rates M, P, R, S	820P	39022-059-00; 39022-060-00	/13	Exxelia USA Inc.
Cap values .01 uF thru 22 uF; volts 100; tols. F, G, J, K; life failure rates M, P, R, S	820P	39022-059-00; 39022-060-00	/13	Exxelia USA Inc.
Cap values .01 uF thru 10 uF; volts 200; tols. F, G, J, K; life failure rates M, P, R, S	820P	39022-059-00; 39022-060-00	/13	Exxelia USA Inc.
Cap values .01 uF thru 3.9 uF; volts 300; tols. F, G, J, K; life failure rates M, P, R, S	820P	39022-059-00; 39022-060-00	/13	Exxelia USA Inc.
Cap values .01 uF thru 2.7 uF; volts 400; tols. F, G, J, K; life failure rates M, P, R, S	820P	39022-059-00; 39022-060-00	/13	Exxelia USA Inc.
Cap values .01 uF thru 1 uF; volts 600; tols. F, G, J, K; life failure rates M, P, R, S	820P	39022-059-00; 39022-060-00	/13	Exxelia USA Inc.

Manufacturer and Supplier Location Information

Manufacturer: Electronic Concepts, Inc. (CAGE Code: 50558)

Location: 526 Industrial Way West, Eatontown, NJ 07724-1278, US

Plants:

- 1. Plant: Same Address as Manufacturer

Manufacturer: Exxelia USA Inc. (CAGE Code: 01884)

Location: 1221 N. Highway 17/92, Longwood, FL 32750-3739, US

Plants:

- 1. Plant: Same Address as Manufacturer