**Specification Details:** **Date: 12/11/2025**

Specification: MIL-PRF-39001
Title: Capacitor, Fixed, Mica Dielectric
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:**

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.

**Part Configuration:**

CMR04C1R0DODM

| Style | Characteristic | Capacitance | Capacitance Tolerance | Operating Temperature Range | Rated Voltage | Product Level Designator |
|---|---|---|---|---|---|---|
| CMR04 | C | 1R0 | D | O | D | 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) |
|---|---|---|---|---|
| **CMR03** | | | | |
| Chars. C, E, F; voltage 50, 100, 300; cap. values 1 pF thru 400 pF; tols. D, G, J; oper. temp. range O; product level M, P, R | | 39001-112-96; 39001-113-96 | /5 | Cornell Dubilier |
| **CMR04** | | | | |
| Chars. C, E, F; voltage 100, 300, 500; cap. values 1 pF thru 390 pF; tols. D, F, G, J; oper. temp. range O, P; product level M, P, R | | 39001-112-96; 39001-113-96 | /5 | Cornell Dubilier |
| **CMR05** | | | | |
| Chars. C, E, F; voltage 500; cap. values 1 pF thru 390 pF; tols. D, F, G, J; oper. temp. range O, P; product level M, P, R | | 39001-112-96; 39001-113-96 | /5 | Cornell Dubilier |
| **CMR06** | | | | |
| Chars. F; voltage 500; cap. values 430 pF thru 4700 pF; tols. F, G, J; oper. temp. range O, P; product level M, P, R | | 39001-112-96; 39001-113-96 | /5 | Cornell Dubilier |
| **CMR07** | | | | |
| Chars. F; voltage 500; cap. values 5100 pF thru 20000 pF; tols. F, G, J; oper. temp. range O, P; product level M, P, R | | 39001-112-96; 39001-113-96 | /5 | Cornell Dubilier |
| **CMR08** | | | | |
| Chars. F; voltage 100, 300, 500; cap. values 22000 pF thru 91000 pF; tols. F, G, J; oper. temp. range O, P; product level M, P, R | | 39001-112-96; 39001-113-96 | /5 | Cornell Dubilier |

## Manufacturer and Supplier Location Information

**Manufacturer: Cornell-Dubilier (CAGE Code: 00853)**
Location: 140 Technology Place, Liberty, SC 29657-3300, US

Plants:

1. C.D. Electronics De Mexico S.A. DE C.V., Boulevard Benito Juarez KM 5.5, Mexicali, B.C., MX