

**Specification Details:**

Specification: MIL-PRF-55514  
 Title: Capacitor, Fixed, Plastic (or Metallized Plastic) Dielectric, D.C., in Nonmetal 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:**

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: 614-692-0666, e-mail: vqp.mp@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 the Defense Supply Center Columbus (DSCC-VQ), Columbus, OH 43218-3990.

An asterisk (\*) adjacent to the product listing indicates that qualified parts listed on the QPL are available through distributors authorized by the manufacturer in accordance with Military Standard MIL-STD-790. Names and addresses of the distributors are listed in the back of this QPL. This list is being furnished merely as an aid in identifying authorized sources of ER parts and the responsibility for complying with contractual provisions requiring use of such parts rests with the user of such parts. Such list has been compiled from information furnished by the manufacturers of ER parts prior to release of this QPL for printing.

Inclusion on, or omission from, the list of a particular distributor cannot be relied upon as a guarantee of the distributor's status since the information upon which the list is based may not have been complete and authorized distributors are subject to change by the manufacturer at any time. Inclusion of a firm on a list is not, under any circumstance, to be considered an indorsement of such firm or its products by the Department of Defense.

**Part Configuration:**

CFR02AMC682JM

Style	Terminal Symbol	Characteristic	Rated Voltage	Capacitance	Capacitance Tolerance	Product Level Designator
CFR02	A	M	C	682	J	M

**Part Listings:**

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
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<b>CFR02*</b> Chars. M, Q, V; voltage 100, 200, 400, 600; cap. values 0.001 uF thru 1 uF; tols. F, G, J, K; life failure rate M	CFR02	55514-786-80	/1	Electronic Concepts, Inc.
<b>CFR05*</b> Chars. R, U; voltage 50, 100, 200, 400; cap. values 0.001 uF thru 50 uF; tols. F, G, J, K; life failure rate M, P, R	EMCFR05	55514-113-75	/4	Electronic Concepts, Inc.
<b>CFR06*</b> Chars. N, R, U; voltage 50, 100, 200, 400; cap. values 0.001 uF thru 50 uF; tols. F, G, J, K; life failure rate M, P, R	EMCFR06	55514-114-75	/4	Electronic Concepts, Inc.
<b>CFR09*</b> Chars. R; voltage 50, 75, 100, 150, 200; cap. values 0.01 uF thru 18 uF; tols. F, G, J, K; life failure rate M, P	LP88	55514-894-80	/7	Dearborn Electronics, Inc.
<b>CFR12*</b> Chars. R; voltage 50, 75, 100, 150, 200, 250; cap. values 0.001 uF thru 0.05 uF; tols. F, G, J, K; life failure rate M	CFR12	55514-101-93	/8	Electronic Concepts of Europe, Ltd.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
<b>CFR13*</b> Chars. L; voltage 100, 200, 400; cap. values 1 uF thru 30 uF; tols. J, K, M; life failure rate M, P	735P	55514-791-83	/9	Dearborn Electronics, Inc.
<b>CFR13*</b> Chars. L; voltage 100, 200, 400; cap. values 1 uF thru 30 uF; tols. J, K, M; life failure rate M, P	CFR13	55514-858-83	/9	Electronic Concepts, Inc.
<b>CFR14*</b> Chars. L; voltage 100, 200, 400; cap. values 1 uF thru 30 uF; tols. J, K, M; life failure rate M, P	735P	55514-792-83	/9	Dearborn Electronics, Inc.
<b>CFR14*</b> Chars. L; voltage 100, 200, 400; cap. values 1 uF thru 30 uF; tols. J, K, M; life failure rate M, P	CFR14	55514-859-83	/9	Electronic Concepts, Inc.
<b>CFR15*</b> Chars. K; voltage 200, 400, 600, 800; cap. values 0.001 uF thru 1 uF; tols. J, K, M; life failure rate M, P	710P	55514-986-84	/10	Dearborn Electronics, Inc.
<b>CFR15*</b> Chars. K; voltage 200, 400, 600, 800; cap. values 0.001 uF thru 1 uF; tols. J, K, M; life failure rate M, P	CFR15	55514-860-83	/10	Electronic Concepts, Inc.
<b>CFR16*</b> Chars. R; voltage 50; cap. values 0.06 uF thru 1 uF; tols. F, G, J, K; life failure rate M	CFR16	55514-101-93	/8	Electronic Concepts of Europe, Ltd.
<b>CFR26*</b> Chars. R; voltage 50, 75, 100; cap. values 5 uF thru 50 uF; tols. J, K, M; life failure rate M	CFR26	55514-5-88	/11	Electronic Concepts, Inc.
<b>CFR27*</b> Chars. R; voltage 50, 75, 100; cap. values 5 uF thru 50 uF; tols. J, K, M; life failure rate M	CFR27	55514-5-88	/11	Electronic Concepts, Inc.
<b>CFR29*</b> Chars. R; voltage 50, 75, 100; cap. values 3 uF thru 50 uF; tols. J, K, M; life failure rate M	CFR29	55514-6-88	/12	Electronic Concepts, Inc.
<b>CFR30*</b> Chars. U; voltage 50, 75, 100, 150, 200; cap. values 0.01 uF thru 18 uF; tols. F, G, J, K; life failure rate M, P	846P	55514-894-80	/13	Dearborn Electronics, Inc.

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Dearborn Electronics, Inc. (CAGE Code: 01884)**

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

Plant Location: Same Address as Manufacturer

Category A

Distributor Locations:

1. Arrow Electronics, 665 Maestro Drive, Reno, NV 89511, US
2. New Yorker Electronics, 420 Center Avenue, Mamaroneck, NY 10543, US
3. Spirit Electronics, 7432 E. Tierra Buena Lane, Scottsdale, AZ 85260, US
4. T.T.I., 2441 Northeast Parkway, Fort Worth, TX 76106, US

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

Location: P.O. Box 627, 526 Industrial Way West, Eatontown, NJ 07724-1278, US

Plant Locations:

1. Same Address as Manufacturer
2. Electronic Concepts of Europe, Ltd., IDA Estate, Oughterard, Co. Galway, Ireland

Category A

Distributor Location: Elcon Sales Company, 470 Clifton Avenue, Clifton, NJ 07011, US