Specification Details: **Date: 1/11/2010**

Specification: MIL-C-62
Title: Capacitor, Fixed, Electrolytic (DC, Aluminum, Dry Electrolyte, Polarized)
Federal Supply Class (FSC): 5910
Conventional: Yes
Specification contains quality assurance program: No
MIL-STD-790 Established Reliability & High Reliability: No
MIL-STD-690 Failure Rate Sampling Plans & Procedures: No
Weibull Graded: No
Specification contains space level reliability requirements: No
Specification allows test optimization: No

Contact Information:

DSCC Office of Primary Involvement: Passive Devices Team, DSCC-VQP
Primary DSCC-VQ Contact: 614-692-0666, e-mail: vqp.mp@dla.mil
Secondary DSCC-VQ Contact: 614-692-0597, e-mail: vqp.jz@dla.mil

Notes:

Effective 7 October 1998, MIL-C-62 has been declared "Inactive for New Design" with no superseding specification. This is applicable on all acquisitions to which MIL-C-62 is applied.

PIN: The PIN consists of the Style, Characteristic, Capacitance, and Voltage.

Style: The style is identified by the two-letter symbol ¿CE¿ followed by a two-digit number. The letters identify polarized, dry-electrolyte, aluminum, dc, fixed capacitors. The number identifies the shape and dimension of the capacitor.

Characteristic: The characteristic is identified by a single letter.

Capacitance. The nominal capacitance value expressed in microfarads (µF) is identified by a three-digit number. When the nominal capacitance is 10 µF or greater, the first two digits represent significant figures and the last digit specifies the number of zeros to follow (Examples: 10 µF = 100; 150 µF = 151; 1,500 µF = 152). When the nominal capacitance value is less than 10 µF (Examples: whole number such as 9; a mixed number such as 4.7; or a fractional number such as 0.1 or 0.56), the letter ¿R¿ will be used to indicate the decimal point and will be placed where appropriate in the three digit number. When the letter ¿R¿ is used, the succeeding digit or digits become significant (Examples: 2 µF = 2R0; 4.7µF = 4R7; 0.1 µF = 0R1: 0.56 µF = R56).

Voltages: The dc rated voltage, dc surge voltage, and capacitance tolerance are identified by a single letter.

Part Configuration:

CE10C5R6F

Style	Characteristic	Capacitance Value	Voltage
CE10	C	5R6	F

Part Listings:

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CE10*				
Char. C, 5 Volts, Cap. Values 56 uf thru 270 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 10 Volts, Cap. Values 15 uf thru 220 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 15 Volts, Cap. Values 10 uf thru 150 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 25 Volts, Cap. Values 5.6 uf thru 75 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 50 Volts, Cap. Values 1 uf thru 33 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 100 Volts, Cap. Values 8.2 uf thru 18 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 150 Volts, Cap. Values 1 uf thru 10 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
CE11*				
Char. C, 5 Volts, Cap. Values 56 uf thru 270 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 10 Volts, Cap. Values 15 uf thru 220 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 15 Volts, Cap. Values 10 uf thru 150 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 25 Volts, Cap. Values 5.6 uf thru 75 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 50 Volts, Cap. Values 1 uf thru 33 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 100 Volts, Cap. Values 8.2 uf thru 18 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.
Char. C, 150 Volts, Cap. Values 1 uf thru 10 uf	40D	62-167-72; 62-754-65	/1	Barker Microfarads, Inc.

Manufacturer and Supplier Location Information

Manufacturer: Barker Microfarads, Inc. (CAGE Code: 0P569)

Location: P.O. Box 697, 205 Mill Street, Hillsville, VA 24343-1313, US

Plants:

1. Same Address as Manufacturer