

Specification Details:

Specification: MIL-PRF-11693
 Title: Capacitor, Feed Through, Radio-Interference, Reduction, Hermetic, A.C./D.C. (Hermetically Sealed in Metal 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: 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:

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

Style: The style is identified by either the three-letter symbol "CZR" or the two-letter symbol "CZ" followed by a two-digit number. The letters identify dc, radio-interference reduction feed through capacitors, hermetically sealed in metal cases. The symbol "CZR" identifies established reliability (ER) capacitors; the symbol "CZ" identifies capacitors for which no specific reliability requirements are specified (non-ER). The first digit following the letter symbols identifies the general shape of the case, and the second digit identifies specific details other than case size. Each style designation may include a family of case sizes.

Current: The current rating is identified by a single letter.

Characteristic: The characteristic is identified by a single letter.

Voltage: The voltage rating is identified by a single letter.

Capacitance: The nominal capacitance value expressed in picofarad (pF) is identified by a three-digit number; the first two digits represent significant figures and the last digit specifies the number of zeros to follow.

Failure rate level: The failure rate level of 1.0 percent per 1,000 hours is identified by a symbol M, and is based on operation at rated working voltage and maximum rated temperature.

Part Configuration:

CZR23 B K B 473 M

ER Style	Current	Characteristic	Voltage	Capacitance	Failure Rate Level
CZR23	B	K	B	473	M

CZ23 B K B 473

Non-ER Style	Current	Characteristic	Voltage	Capacitance
CZ23	B	K	B	473

Part Listings:

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFICATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CZ23*				
Chars. E, K; 0.04 thru 0.47uF; in current rating B; in 200, 400, 600 volts; life failure rate	103P	11693-19-60	/7	Dearborn Electronics, Inc
CZ24*				
Chars. E, K; 0.04 thru 0.47uF; in current rating B; in 200, 400, 600 volts; life failure rate	103P	11693-19-60	/7	Dearborn Electronics, Inc

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CZR23*				
Chars. E, K; 0.04 thru 0.47uF; in current rating B; in 200, 400, 600 volts; life failure rate M	103P	11693-274-73	/7	Dearborn Electronics, Inc
CZR24*				
Chars. E, K; 0.04 thru 0.47uF; in current rating B; in 200, 400, 600 volts; life failure rate M	103P	11693-275-73	/7	Dearborn Electronics, Inc

Manufacturer and Supplier Location Information

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

Location: 1221 N. Highways 17 & 92, Longwood, FL 32750-3739, US

Plant Location: Same Address as Manufacturer

Category A

Distributor Locations:

1. Electronic Supply Center, 32 River Street, North Adams, MA 01247, US
2. New Yorker Electronics, 420 Center Avenue, Mamaroneck, NY 10543, US
3. New Yorker Electronics, 1103 W. Hibiscus Blvd. Suite 401, Melbourne, FL 32901, US
4. Projections Unlimited, Inc., 14831 Myford Road, Tustin, CA 92780, US
5. Spirit Electronics, 15150 N. Hayden Road, Scottsdale, AZ 85260, US
6. Summit Distributors, 292 Commerce Drive, Rochester, NY 14623, US
7. T.T.I., Inc., 2441 Northeast Parkway, Fort Worth, TX 76101-1896, US
8. Tri-Start Electronics, Inc., 134 Remington Boulevard, Ronkonkoma, NY 11779, US