

**DLA Land and Maritime - VQ**  
**Supplemental Information Sheet for Electronic QPL-25**

Date: 6/13/2016

**Specification Details:**

Specification: MIL-C-25  
 Title: Capacitor, Fixed, Paper Dielectric, D.C., Hermetically Sealed in Metallic Cases  
 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:**

Office of Primary Involvement: Passive Devices Branch, DLA Land and Maritime - VQP  
 Primary Qualifying Activity Contact: 614-692-0609, e-mail: vqp.do@dla.mil  
 Secondary Qualifying Activity Contact: 614-692-2063, e-mail: vqp.ahc@dla.mil

**Notes:**

Effective 21 June 1968, MIL-C-25 has been declared "Inactive for New Design" with no superseding specification. This is applicable on all acquisitions to which MIL-C-25 is applied.

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

**Part Configuration:**

CP53B1EB105K1

| Style | Terminal | Circuit | Characteristic | Voltage | Capacitance | Cap Tolerance | Vibration Grade |
|-------|----------|---------|----------------|---------|-------------|---------------|-----------------|
| CP53  | B        | 1       | E              | B       | 105         | K             | 1               |

| PART LISTINGS                                                    |                                           |                                 |                     |                                        |
|------------------------------------------------------------------|-------------------------------------------|---------------------------------|---------------------|----------------------------------------|
| GOVERNMENT DESIGNATION                                           | MANUFACTURER'S DESIGNATION OR TYPE NUMBER | TEST OR QUALIFICATION REFERENCE | SPECIFICATION SHEET | SUPPLIER'S NAME (ADDRESS ON LAST PAGE) |
| <b>CP53</b>                                                      |                                           |                                 |                     |                                        |
| Char. E, F; 100 Volts, Cap. Values 1 uf thru 4 uf; Tols. K       | CP53                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. E, F; 200 Volts, Cap. Values .5 uf thru 2 uf; Tols. K      | CP53                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. K; 400 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V     | CP53                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. E, F; 600 Volts, Cap. Values .05 uf thru 2 uf; Tols. K, V  | CP53                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. E, F; 1000 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V | CP53                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. E, F; 100 Volts, Cap. Values 1 uf thru 4 uf; Tols. K,      | CP53                                      | 25-1-61                         | /4                  | Dearborn Electronics, Inc.             |
| Char. E, F; 200 Volts, Cap. Values .5 uf thru 2 uf; Tols. K      | CP53                                      | 25-1-61                         | /4                  | Dearborn Electronics, Inc.             |
| Char. K; 400 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V     | CP53                                      | 25-1-61                         | /4                  | Dearborn Electronics, Inc.             |
| Char. E, F; 600 Volts, Cap. Values .05 uf thru 2 uf; Tols. K, V  | CP53                                      | 25-1-61                         | /4                  | Dearborn Electronics, Inc.             |
| Char. E, F; 1000 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V | CP53                                      | 25-1-61                         | /4                  | Dearborn Electronics, Inc.             |
| <b>CP54</b>                                                      |                                           |                                 |                     |                                        |
| Char. E, F; 100 Volts, Cap. Values 1 uf thru 4 uf; Tols. K       | CP54                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. E, F; 200 Volts, Cap. Values .5 uf thru 2 uf; Tols. K      | CP54                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. K; 400 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V     | CP54                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. E, F; 600 Volts, Cap. Values .05 uf thru 2 uf; Tols. K, V  | CP54                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. E, F; 1000 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V | CP54                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. E, F; 100 Volts, Cap. Values 1 uf thru 4 uf; Tols. K       | CP54                                      | 25-1-61                         | /4                  | Dearborn Electronics, Inc.             |
| Char. E, F; 100 Volts, Cap. Values 1 uf thru 4 uf; Tols. K,      | CP54                                      | 25-1-61                         | /4                  | Dearborn Electronics, Inc.             |
| Char. E, F; 200 Volts, Cap. Values .5 uf thru 2 uf; Tols. K      | CP54                                      | 25-1-61                         | /4                  | Dearborn Electronics, Inc.             |
| Char. K; 400 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V     | CP54                                      | 25-1-61                         | /4                  | Dearborn Electronics, Inc.             |
| Char. E, F; 600 Volts, Cap. Values .05 uf thru 2 uf; Tols. K, V  | CP54                                      | 25-1-61                         | /4                  | Dearborn Electronics, Inc.             |
| <b>CP55</b>                                                      |                                           |                                 |                     |                                        |
| Char. E, F; 100 Volts, Cap. Values 1 uf thru 4 uf; Tols. K       | CP55                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. E, F; 200 Volts, Cap. Values .5 uf thru 2 uf; Tols. K      | CP55                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. K; 400 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V     | CP55                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |
| Char. E, F; 600 Volts, Cap. Values .05 uf thru 2 uf; Tols. K, V  | CP55                                      | 25-4032-14                      | /4                  | Arizona Capacitors Inc.                |

| PART LISTINGS                                                    |                                                 |                                       |                             |                                           |
|------------------------------------------------------------------|-------------------------------------------------|---------------------------------------|-----------------------------|-------------------------------------------|
| GOVERNMENT<br>DESIGNATION                                        | MANUFACTURER'S<br>DESIGNATION OR<br>TYPE NUMBER | TEST OR<br>QUALIFICATION<br>REFERENCE | SPECIFI-<br>CATION<br>SHEET | SUPPLIER'S NAME<br>(ADDRESS ON LAST PAGE) |
| Char. E, F; 1000 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V | CP55                                            | 25-4032-14                            | /4                          | Arizona Capacitors Inc.                   |
| Char. E, F; 100 Volts, Cap. Values 1 uf thru 4 uf; Tols. K       | CP55                                            | 25-1-61                               | /4                          | Dearborn Electronics, Inc.                |
| Char. E, F; 200 Volts, Cap. Values .5 uf thru 2 uf; Tols. K      | CP55                                            | 25-1-61                               | /4                          | Dearborn Electronics, Inc.                |
| Char. K; 400 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V     | CP55                                            | 25-1-61                               | /4                          | Dearborn Electronics, Inc.                |
| Char. E, F; 600 Volts, Cap. Values .05 uf thru 2 uf; Tols. K, V  | CP55                                            | 25-1-61                               | /4                          | Dearborn Electronics, Inc.                |
| Char. E, F; 1000 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V | CP55                                            | 25-1-61                               | /4                          | Dearborn Electronics, Inc.                |

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**Manufacturer and Supplier Location Information**

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**Manufacturer: Arizona Capacitors Inc. (CAGE Code: 0TCV9)**

Location: 1100 S. Plumer Avenue, Tucson, AZ 85719, US

Plants:

1. Plant: Same Address as Manufacturer

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

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

Plants:

1. Plant: Same Address as Manufacturer