Specification Details: **Date: 2/18/2010**

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:

DSCC Office of Primary Involvement: Passive Devices Branch, 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:

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.

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	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
CP53				
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.
CP54				
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.
Char. E, F; 1000 Volts, Cap. Values .05 uf thru 1 uf; Tols. K, V	CP54	25-1-61	/4	Dearborn Electronics, Inc.
CP55				
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.

Manufacturer and Supplier Location Information

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

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

Plants:
1. Same Address as Manufacturer

Distributors:
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