Specification Details: **Date: 4/15/2009**

Specification: MIL-PRF-14409
Title: Capacitor, Variable, (Piston-Type, Tubular Trimmer)
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:

1. Style: The style is identified by the two-letter symbol "PC" followed by a two-digit number; the letters identify tubular-trimmer, piston-type, variable capacitors, and the number identifies the shape or differentiating electrical characteristics of the capacitor.

2. Characteristic: The characteristic is identified by a single letter in accordance with table I of MIL-PRF-14409.

3. Capacitance: The nominal maximum rated capacitance value expressed in picofarads (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. When fractional values are required, the letter "R" should be used to indicate the decimal point. For example: 8R5 indicates 8.5 pF.

Part Configuration:

PC51H380

Style	Characteristic	Capacitance
PC51	H	380

Part Listings:

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
PC18L100	AP10	14409-854-83	/18	Voltronics Corp.
PC18L140	AP14	14409-854-83	/18	Voltronics Corp.
PC19L100	AF10	14409-854-83	/19	Voltronics Corp.
PC19L140	AF14	14409-854-83	/19	Voltronics Corp.
PC21J1R2	GNC1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC21J2R5	GNC1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC21J4R5	GNC1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC21K080	GNC8R050	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC22J1R2	GNL1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC22J2R5	GNL1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC22J4R5	GNL1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC22K080	GNL8R050	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC23J1R2	GNR1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC23J2R5	GNR1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC23J4R5	GNL1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC23K080	GNR8R050	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC24J1R2	GNV1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC24J2R5	GNV1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC24J4R5	GNV1R250	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC24K080	GNV8R050	14409-1614-06	/16	Sprague-Goodman Electronics, Inc.
PC35H130	NVC---	14409-1589-63	/1	Sprague-Goodman Electronics, Inc.
PC35H230	NVC---	14409-1025-74	/6	Sprague-Goodman Electronics, Inc.
PC35H240	NVC---	14409-1589-63	/1	Sprague-Goodman Electronics, Inc.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
PC35H400	NVC---	14409-1589-63	/1	Sprague-Goodman Electronics, Inc.
PC35H4R5	NVC---	14409-1589-63	/1	Sprague-Goodman Electronics, Inc.
PC37Q060	VC	14409-99-67	/3	Sprague-Goodman Electronics, Inc.
PC37Q100	VC---	14409-28-82	/3	Sprague-Goodman Electronics, Inc.
PC37Q210	GSG909	14409-28-82	/3	Sprague-Goodman Electronics, Inc.
PC37Q210	VC---	14409-28-82	/3	Sprague-Goodman Electronics, Inc.
PC37Q4R5	VC---	14409-1787-64	/3	Sprague-Goodman Electronics, Inc.
PC38Q160	SC---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q160	SCY---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q160	NQS---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q160	QS---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q1R8	SC---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q1R8	SCY---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q1R8	NQS---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q1R8	QS---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q5R5	SC---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q5R5	SCY---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q5R5	NQS---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q5R5	QS---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q9R5	SC---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q9R5	SCY---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q9R5	NQS---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q9R5	QS---	14409-821-66	/4	Sprague-Goodman Electronics, Inc.
PC38Q160	TM	14409-768-66	/4	Voltronics Corp.
PC38Q1R8	TM	14409-768-66	/4	Voltronics Corp.
PC38Q5R5	TM	14409-768-66	/4	Voltronics Corp.
PC38Q9R5	TM	14409-768-66	/4	Voltronics Corp.
PC39G121	GFR	14409-955-74	/5	Sprague-Goodman Electronics, Inc.
PC39G121	MNC---	14409-357-69	/5	Sprague-Goodman Electronics, Inc.
PC39G160	GFR	14409-955-74	/5	Sprague-Goodman Electronics, Inc.
PC39G160	MNC---	14409-357-69	/5	Sprague-Goodman Electronics, Inc.
PC39G360	GFR	14409-955-74	/5	Sprague-Goodman Electronics, Inc.
PC39G360	MNC---	14409-357-69	/5	Sprague-Goodman Electronics, Inc.
PC39G520	GFR	14409-955-74	/5	Sprague-Goodman Electronics, Inc.
PC39G520	MNC---	14409-357-69	/5	Sprague-Goodman Electronics, Inc.
PC39G750	GFR	14409-955-74	/5	Sprague-Goodman Electronics, Inc.
PC39G750	MNC---	14409-357-69	/5	Sprague-Goodman Electronics, Inc.
PC39J121	GFR	14409-955-74	/5	Sprague-Goodman Electronics, Inc.
PC39J121	MNC---	14409-357-69	/5	Sprague-Goodman Electronics, Inc.
PC39G121	TM	14409-475-69	/5	Voltronics Corp.
PC39G160	TM	14409-475-69	/5	Voltronics Corp.
PC39G360	TM	14409-475-69	/5	Voltronics Corp.
PC39G520	TM	14409-475-69	/5	Voltronics Corp.
PC39G750	TM	14409-475-69	/5	Voltronics Corp.
PC40Q160	VC---	14409-820-65	/6	Sprague-Goodman Electronics, Inc.
PC40Q160	564	14409-820-65	/6	Sprague-Goodman Electronics, Inc.
PC40Q160	VC---Y	14409-820-65	/6	Sprague-Goodman Electronics, Inc.
PC40Q160	566	14409-820-65	/6	Sprague-Goodman Electronics, Inc.
PC40Q160	568	14409-820-65	/6	Sprague-Goodman Electronics, Inc.
PC40Q1R8	MNQ---	14409-1767-64	/6	Sprague-Goodman Electronics, Inc.
PC40Q5R5	560	14409-820-65	/6	Sprague-Goodman Electronics, Inc.
PC40Q9R5	MQ---562	14409-820-65	/6	Sprague-Goodman Electronics, Inc.
PC40Q160	TM	14409-769-66	/6	Voltronics Corp.
PC40Q1R8	TM	14409-769-66	/6	Voltronics Corp.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
PC40Q5R5	TM	14409-769-66	/6	Voltronics Corp.
PC40Q9R5	TM	14409-769-66	/6	Voltronics Corp.
PC41Q160	563	14409-821-65	/7	Sprague-Goodman Electronics, Inc.
PC41Q160	VC---	14409-821-65	/7	Sprague-Goodman Electronics, Inc.
PC41Q160	565	14409-821-65	/7	Sprague-Goodman Electronics, Inc.
PC41Q160	VC---Y	14409-821-65	/7	Sprague-Goodman Electronics, Inc.
PC41Q160	567	14409-821-65	/7	Sprague-Goodman Electronics, Inc.
PC41Q160	569	14409-821-65	/7	Sprague-Goodman Electronics, Inc.
PC41Q1R8	NMQ---	14409-1768-64	/7	Sprague-Goodman Electronics, Inc.
PC41Q5R5	561	14409-821-65	/7	Sprague-Goodman Electronics, Inc.
PC41Q9R5	MQ---	14409-821-65	/7	Sprague-Goodman Electronics, Inc.
PC41Q160	TP	14409-770-66	/7	Voltronics Corp.
PC41Q1R8	TP	14409-770-66	/7	Voltronics Corp.
PC41Q5R5	TP	14409-770-66	/7	Voltronics Corp.
PC41Q9R5	TP	14409-770-66	/7	Voltronics Corp.
PC42Q5R5	NQS---	14409-822-66	/8	
PC42Q160	SC---	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q160	SC---Y	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q160	NQS---	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q160	QS---	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q1R8	SC---	14409-770-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q1R8	SC---Y	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q1R8	NQS---	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q1R8	QS---	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q5R5	SC---	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q5R5	SC---Y	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q5R5	QS---	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q9R5	SC---	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q9R5	SC---Y	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q9R5	NQS---	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q9R5	QS---	14409-822-66	/8	Sprague-Goodman Electronics, Inc.
PC42Q160	QP16GA	14409-1013-83	/8	Voltronics Corp.
PC42Q1R8	QP2GA	14409-1013-66	/8	Voltronics Corp.
PC42Q5R5	QP6GA	14409-1013-83	/8	Voltronics Corp.
PC42Q9R5	QP10GA	14409-1013-83	/8	Voltronics Corp.
PC43G121	GFL	14409-358-69; 14409-959-74	/9	Sprague-Goodman Electronics, Inc.
PC43G121	NMC---	14409-358-69; 14409-959-74	/9	Sprague-Goodman Electronics, Inc.
PC43G160	GFL	14409-959-74	/9	Sprague-Goodman Electronics, Inc.
PC43G160	NMC---	14409-358-69	/8	Sprague-Goodman Electronics, Inc.
PC43G360	GFL	14409-358-69; 14409-959-74	/9	Sprague-Goodman Electronics, Inc.
PC43G360	NMC---	14409-358-69; 14409-959-74	/9	Sprague-Goodman Electronics, Inc.
PC43G520	GFL	14409-358-69; 14409-959-74	/9	Sprague-Goodman Electronics, Inc.
PC43G520	NMC---	14409-358-69; 14409-959-74	/9	Sprague-Goodman Electronics, Inc.
PC43G750	GFL	14409-358-69; 14409-959-74	/9	Sprague-Goodman Electronics, Inc.
PC43G750	NMC---	14409-358-69; 14409-959-74	/9	Sprague-Goodman Electronics, Inc.
PC43J121	GFL	14409-358-69; 14409-959-74	/9	Sprague-Goodman Electronics, Inc.
PC43J121	NMC---	14409-358-69; 14409-959-74	/9	Sprague-Goodman Electronics, Inc.
PC43G121	TP	14409-476-69	/9	Voltronics Corp.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SPECIFI-CATION SHEET	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
PC43G160	TP	14409-476-69	/9	Voltronics Corp.
PC43G360	TP	14409-476-69	/9	Voltronics Corp.
PC43G520	TP	14409-476-69	/9	Voltronics Corp.
PC43G750	TP	14409-476-69	/9	Voltronics Corp.
PC46L100	AJ10	14409-854-83	/18	Voltronics Corp.
PC46L140	AJ14	14409-854-83	/18	Voltronics Corp.
PC47L100	AT10	14409-854-83	/19	Voltronics Corp.
PC47L140	AT14	14409-854-83	/19	Voltronics Corp.
PC48H160	GHR	14409-960-74	/4	Sprague-Goodman Electronics, Inc.
PC48H160	NSC---	14409-960-74	/4	Sprague-Goodman Electronics, Inc.
PC48H230	GHR	14409-960-74	/4	Sprague-Goodman Electronics, Inc.
PC48H230	NSC---	14409-960-74	/4	Sprague-Goodman Electronics, Inc.
PC48H380	GHR	14409-960-74	/4	Sprague-Goodman Electronics, Inc.
PC48H380	NSC---	14409-960-74	/4	Sprague-Goodman Electronics, Inc.
PC48J110	GHR	14409-960-74	/4	Sprague-Goodman Electronics, Inc.
PC48J110	NSC---	14409-960-74	/4	Sprague-Goodman Electronics, Inc.
PC48J5R5	GHR	14409-128-67	/4	Sprague-Goodman Electronics, Inc.
PC48J5R5	NSC---	14409-128-67	/4	Sprague-Goodman Electronics, Inc.
PC48H160	TM17G	14409-1013-83	/4	Voltronics Corp.
PC48H230	TM23G	14409-1013-83	/4	Voltronics Corp.
PC48H380	TM38G	14409-1013-83	/4	Voltronics Corp.
PC48J110	TM11G	14409-1013-83	/4	Voltronics Corp.
PC48J5R5	TM6G	14409-768-66	/4	Voltronics Corp.
PC50H160	GHP	14409-1025-74	/6	Sprague-Goodman Electronics, Inc.
PC50H160	NVC---	14409-1025-74	/6	Sprague-Goodman Electronics, Inc.
PC50H230	GHP	14409-1025-74	/6	Sprague-Goodman Electronics, Inc.
PC50H380	GHP	14409-1025-74	/6	Sprague-Goodman Electronics, Inc.
PC50H380	NVC---	14409-1025-74	/6	Sprague-Goodman Electronics, Inc.
PC50J110	GHP	14409-1025-74	/6	Sprague-Goodman Electronics, Inc.
PC50J110	NVC---	14409-1025-74	/6	Sprague-Goodman Electronics, Inc.
PC50J5R5	GHP	14409-398-64	/6	Sprague-Goodman Electronics, Inc.
PC50J5R5	NVC---	14409-398-64	/6	Sprague-Goodman Electronics, Inc.
PC50H160	TM17	14409-1013-83	/6	Voltronics Corp.
PC50H230	TM23	14409-1013-83	/6	Voltronics Corp.
PC50H380	TM38	14409-1013-83	/6	Voltronics Corp.
PC50J110	TM11	14409-1013-83	/6	Voltronics Corp.
PC50J5R5	TM6	14409-769-66	/6	Voltronics Corp.
PC51H160	523	14409-872A-66	/7	Sprague-Goodman Electronics, Inc.
PC51H160	GHL	14409-960-74	/8	Sprague-Goodman Electronics, Inc.
PC51H160	NSC---	14409-960-74	/8	Sprague-Goodman Electronics, Inc.
PC51H230	523	14409-872A-66	/7	Sprague-Goodman Electronics, Inc.
PC51H380	523	14409-872A-66	/7	Sprague-Goodman Electronics, Inc.
PC51J110	523	14409-1025-74	/7	Sprague-Goodman Electronics, Inc.
PC51J5R5	GHC	14409-399-64	/7	Sprague-Goodman Electronics, Inc.
PC51J5R5	NVC---	14409-399-64	/7	Sprague-Goodman Electronics, Inc.
PC51H160	TP17	14409-1013-83	/7	Voltronics Corp.
PC51H230	TP23	14409-1013-83	/7	Voltronics Corp.
PC51H380	TP38	14409-1013-83	/7	Voltronics Corp.
PC51J110	TP11	14409-1013-83	/7	Voltronics Corp.
PC51J5R5	TP6	14409-770-66	/7	Voltronics Corp.
PC52H160	GHL	14409-960-74	/8	Sprague-Goodman Electronics, Inc.
PC52H230	GHL	14409-960-74	/8	Sprague-Goodman Electronics, Inc.
PC52H230	NSC---	14409-960-74	/8	Sprague-Goodman Electronics, Inc.

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PC52H380	GHL	14409-960-74	/8	Sprague-Goodman Electronics, Inc.
PC52H380	NSC---	14409-960-74	/8	Sprague-Goodman Electronics, Inc.
PC52J110	GHL	14409-960-74	/8	Sprague-Goodman Electronics, Inc.
PC52J110	NSC---	14409-960-74	/8	Sprague-Goodman Electronics, Inc.
PC52J5R5	NSC---	14409-131-67	/8	Sprague-Goodman Electronics, Inc.
PC52J5R5	GHL	14409-131-67	/8	Sprague-Goodman Electronics, Inc.
PC52H160	TP17GA	14409-1013-83	/8	Voltronics Corp.
PC52H230	TP23GA	14409-1013-83	/8	Voltronics Corp.
PC52H380	TP38GA	14409-1013-83	/8	Voltronics Corp.
PC52J110	TP11GA	14409-1013-83	/8	Voltronics Corp.
PC52J5R5	TP6GA	14409-1013-83	/8	Voltronics Corp.

Manufacturer and Supplier Location Information

Manufacturer: Sprague-Goodman Electronics, Inc. (CAGE Code: 52769)
Location: 1700 Shames Drive, Westbury, NY 11590-1735, US

Plant Location: Same Address as Manufacturer

Manufacturer: Voltronics Corp. (CAGE Code: 18736)
Location: 100 Ford Road, Denville, NJ 07834, US

Plant Location: Same Address as Manufacturer