

INCH-POUND

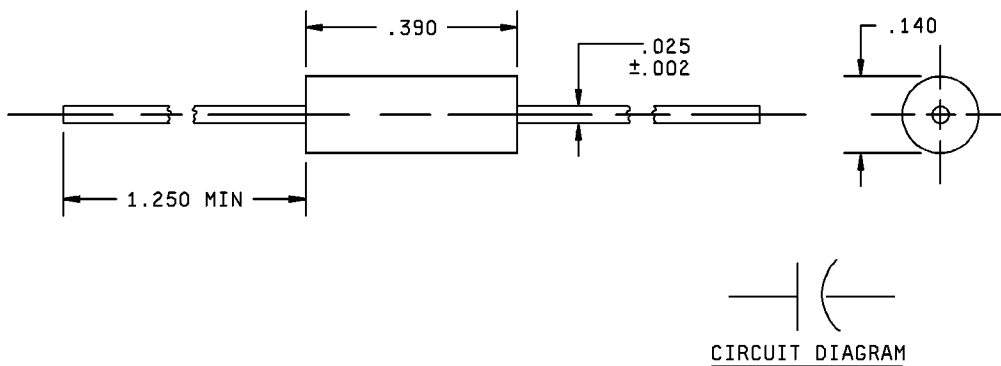
MIL-PRF-123/6C
18 June 2001
SUPERSEDING
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28 September 1994

PERFORMANCE SPECIFICATION SHEET

CAPACITORS, FIXED, CERAMIC DIELECTRIC,
(TEMPERATURE STABLE AND GENERAL PURPOSE),
HIGH RELIABILITY, LEADED, STYLE CKS14

This specification is approved for use by all Departments
and Agencies of the Department of Defense.

The requirements for acquiring the product described herein
shall consist of this specification and MIL-PRF-123.



Inches	mm
.002	0.05
.025	0.64
.140	3.56
.390	9.91
1.250	31.75

NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information.
3. Unless otherwise specified, tolerance is $\pm .010$ (0.25 mm).

FIGURE 1. Style CKS14 capacitors.

REQUIREMENTS:

Dimensions and configuration: See figure 1.

Case type: Tubular, molded, or preformed plastic encapsulated.

Lead wire: Termination W in accordance with MIL-PRF-123.

Capacitance value: See table I.

Capacitance tolerance: See table I.

Operating temperature: -55°C to +125°C.

Voltage rating: See table I.

Marking: In accordance with MIL-PRF-123, example 5.

TABLE I. Style CKS14 characteristics.

Part or Identifying Number (PIN) <u>1/</u>	Capacitance (pF)	Capacitance tolerance	Voltage-temperature limits	Rated voltage (volts)
M123A06BPC241-W	240	F, J, K	BP	100
M123A06BPC271-W	270	F, J, K	BP	100
M123A06BPC301-W	300	F, J, K	BP	100
M123A06BPC331-W	330	F, J, K	BP	100
M123A06BPC361-W	360	F, J, K	BP	100
M123A06BPC391-W	390	F, J, K	BP	100
M123A06BPC431-W	430	F, J, K	BP	100
M123A06BPC471-W	470	F, J, K	BP	100
M123A06BPC511-W	510	F, J, K	BP	100
M123A06BPC561-W	560	F, J, K	BP	100
M123A06BPC621-W	620	F, J, K	BP	100
M123A06BPC681-W	680	F, J, K	BP	100
M123A06BPC751-W	750	F, J, K	BP	100
M123A06BPC821-W	820	F, J, K	BP	100
M123A06BPC911-W	910	F, J, K	BP	100
M123A06BPC102-W	1,000	F, J, K	BP	100
M123A06BPB112-W	1,100	F, J, K	BP	50
M123A06BPB122-W	1,200	F, J, K	BP	50
M123A06BPB132-W	1,300	F, J, K	BP	50
M123A06BPB152-W	1,500	F, J, K	BP	50
M123A06BPB162-W	1,600	F, J, K	BP	50
M123A06BPB182-W	1,800	F, J, K	BP	50
M123A06BPB202-W	2,000	F, J, K	BP	50
M123A06BPB222-W	2,200	F, J, K	BP	50
M123A06BPB242-W	2,400	F, J, K	BP	50
M123A06BPB272-W	2,700	F, J, K	BP	50
M123A06BPB302-W	3,000	F, J, K	BP	50
M123A06BPB332-W	3,300	F, J, K	BP	50
M123A06BPB362-W	3,600	F, J, K	BP	50
M123A06BPB392-W	3,900	F, J, K	BP	50

See footnote at end of table.

TABLE I. Style CKS14 characteristics - Continued.

Part or Identifying Number (PIN) ^{1/}	Capacitance (pF)	Capacitance tolerance	Voltage-temperature limits	Rated voltage (volts)
M123A06BPB432-W	4,300	F, J, K	BP	50
M123A06BPB472-W	4,700	F, J, K	BP	50
M123A06BPB512-W	5,100	F, J, K	BP	50
M123A06BPB562-W	5,600	F, J, K	BP	50
M123A06BPB622-W	6,200	F, J, K	BP	50
M123A06BPB682-W	6,800	F, J, K	BP	50
M123A06BXC562KW	5,600	K	BX	100
M123A06BXC682KW	6,800	K	BX	100
M123A06BXC822KW	8,200	K	BX	100
M123A06BXC103KW	10,000	K	BX	100
M123A06BXB123KW	12,000	K	BX	50
M123A06BXB153KW	15,000	K	BX	50
M123A06BXB183KW	18,000	K	BX	50
M123A06BXB223KW	22,000	K	BX	50
M123A06BXB273KW	27,000	K	BX	50
M123A06BXB333KW	33,000	K	BX	50
M123A06BXB393KW	39,000	K	BX	50
M123A06BXB473KW	47,000	K	BX	50

^{1/} Complete PIN shall include an additional letter to indicate capacitance tolerance, if applicable.

Changes from previous issue. Marginal notations are not used in this revision to identify changes with respect to the previous issue due to the extent of the changes.

Custodians:
Navy - EC
Air Force - 19
DLA - CC
NASA - NA

Preparing activity:
DLA - CC

(Project 5910-2127-04)

Review activities:
Air Force - 11