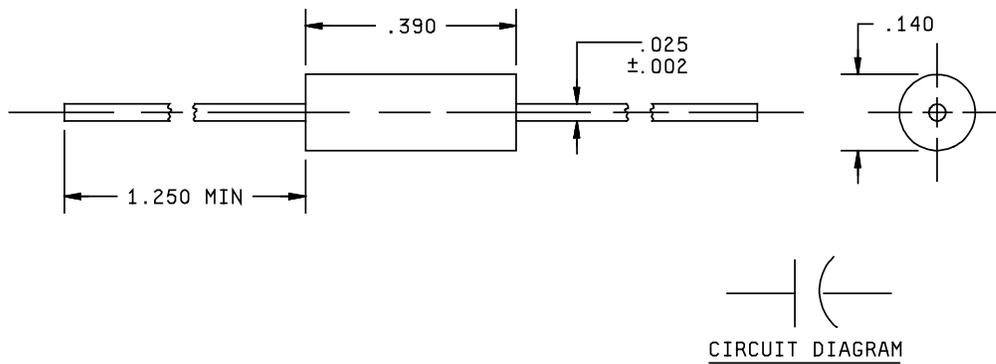


PERFORMANCE SPECIFICATION SHEET

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

This specification sheet 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 sheet and [MIL-PRF-123](#).



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).

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

FIGURE 1. Style CKS14 capacitors.

MIL-PRF-123/6E

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 (F = ±1 percent; J = ±5 percent; K = ±10 percent).

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

Voltage rating: See table I (B = 50 Vdc; C = 100 Vdc; D = 200 Vdc).

Marking: In accordance with [MIL-PRF-123](#), example 5.

TABLE I. Style CKS14 characteristics.

Part or Identifying Number (PIN) 1/	Capacitance (pF)	Capacitance tolerance	Voltage-temperature limits	Rated voltage (volts, dc)
M123A06BPD151-W	150	F, J, K	BP	200
M123A06BPD161-W	160	F, J, K	BP	200
M123A06BPD181-W	180	F, J, K	BP	200
M123A06BPD201-W	200	F, J, K	BP	200
M123A06BPD221-W	220	F, J, K	BP	200
M123A06BP-241-W	240	F, J, K	BP	100, 200
M123A06BP-271-W	270	F, J, K	BP	100, 200
M123A06BP-301-W	300	F, J, K	BP	100, 200
M123A06BP-331-W	330	F, J, K	BP	100, 200
M123A06BP-361-W	360	F, J, K	BP	100, 200
M123A06BP-391-W	390	F, J, K	BP	100, 200
M123A06BP-431-W	430	F, J, K	BP	100, 200
M123A06BP-471-W	470	F, J, K	BP	100, 200
M123A06BP-511-W	510	F, J, K	BP	100, 200
M123A06BP-561-W	560	F, J, K	BP	100, 200
M123A06BP-621-W	620	F, J, K	BP	100, 200
M123A06BP-681-W	680	F, J, K	BP	100, 200
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
M123A06BP-112-W	1,100	F, J, K	BP	50, 100
M123A06BP-122-W	1,200	F, J, K	BP	50, 100
M123A06BP-132-W	1,300	F, J, K	BP	50, 100
M123A06BP-152-W	1,500	F, J, K	BP	50, 100
M123A06BP-162-W	1,600	F, J, K	BP	50, 100
M123A06BP-182-W	1,800	F, J, K	BP	50, 100
M123A06BP-202-W	2,000	F, J, K	BP	50, 100
M123A06BP-222-W	2,200	F, J, K	BP	50, 100

[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, dc)
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
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 voltage and capacitance tolerance, if applicable.

Changes from previous issue. The margins of this specification sheet are marked with vertical lines to indicate where changes from the previous issue were made. This was done as a convenience only and the Government assumes no liability whatsoever for any inaccuracies in these notations. Bidders and contractors are cautioned to evaluate the requirements of this document based on the entire content irrespective of the marginal notations and relationship to the last previous issue.

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

Preparing activity:
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Air Force – 85, 99

NOTE: The activities listed above were interested in this document as of the date of this document. Since organizations and responsibilities can change, you should verify the currency of the information above using ASSIST Online database at <https://assist.dla.mil>.