

INCH-POUND

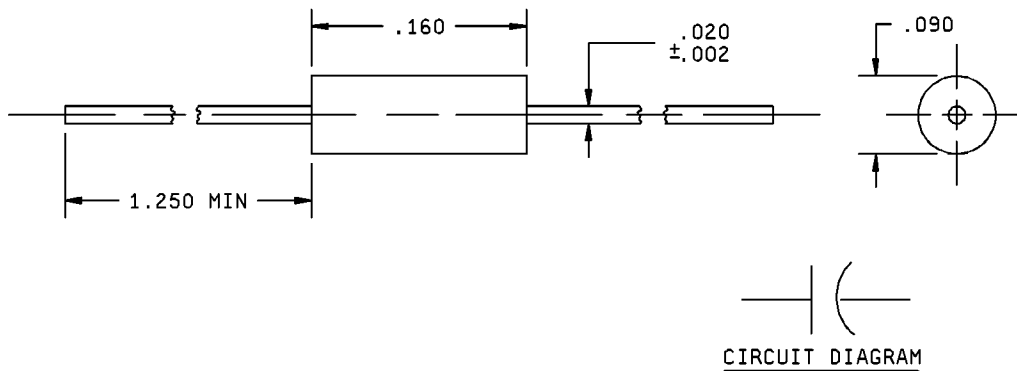
MIL-PRF-123/4C
18 June 2001
SUPERSEDING
MIL-PRF-123/4B
28 September 1994

PERFORMANCE SPECIFICATION SHEET

CAPACITORS, FIXED, CERAMIC DIELECTRIC,
(TEMPERATURE STABLE AND GENERAL PURPOSE),
HIGH RELIABILITY, LEADED, STYLE CKS11

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.



NOTES:

1. Dimensions are in inches.
2. Metric equivalents are given for general information.
3. Unless otherwise specified tolerance is ± 0.10 (0.25 mm).

Inches	mm
.002	0.05
.020	0.51
.090	2.29
.160	4.06
1.250	31.75

FIGURE 1. Style CKS11 capacitors.

MIL-PRF-123/4C

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 3.

TABLE I. Style CKS11 characteristics.

Part or Identifying Number (PIN) <u>1/</u>	Capacitance (pF)	Capacitance tolerance	Voltage-temperature limits	Rated voltage (volts)
M123A04BPC4R7-W	4.7	C, D	BP	100
M123A04BPC5R1-W	5.1	C, D	BP	100
M123A04BPC6R2-W	6.2	C, D	BP	100
M123A04BPC6R8-W	6.8	C, D	BP	100
M123A04BPC7R5-W	7.5	C, D	BP	100
M123A04BPC8R2-W	8.2	C, D	BP	100
M123A04BPC9R1-W	9.1	C, D	BP	100
M123A04BPC100-W	10	C, J, K	BP	100
M123A04BPC110-W	11	C, J, K	BP	100
M123A04BPC120-W	12	C, J, K	BP	100
M123A04BPC130-W	13	C, J, K	BP	100
M123A04BPC150-W	15	C, J, K	BP	100
M123A04BPC160-W	16	C, J, K	BP	100
M123A04BPC180-W	18	C, J, K	BP	100
M123A04BPC200-W	20	C, J, K	BP	100
M123A04BPC220-W	22	C, J, K	BP	100
M123A04BPC240-W	24	C, J, K	BP	100
M123A04BPC270-W	27	F, J, K	BP	100
M123A04BPC300-W	30	F, J, K	BP	100
M123A04BPC330-W	33	F, J, K	BP	100
M123A04BPC360-W	36	F, J, K	BP	100
M123A04BPC390-W	39	F, J, K	BP	100
M123A04BPC430-W	43	F, J, K	BP	100
M123A04BPC470-W	47	F, J, K	BP	100
M123A04BPC510-W	51	F, J, K	BP	100
M123A04BPC560-W	56	F, J, K	BP	100
M123A04BPC620-W	62	F, J, K	BP	100
M123A04BPC680-W	68	F, J, K	BP	100
M123A04BPC750-W	75	F, J, K	BP	100
M123A04BPC820-W	82	F, J, K	BP	100
M123A04BPC910-W	91	F, J, K	BP	100
M123A04BPC101-W	100	F, J, K	BP	100

See footnote at end of table.

TABLE I. Style CKS11 characteristics - Continued.

Part or Identifying Number (PIN) ^{1/}	Capacitance (pF)	Capacitance tolerance	Voltage-temperature limits	Rated voltage (volts)
M123A04BPB111-W	110	F, J, K	BP	50
M123A04BPB121-W	120	F, J, K	BP	50
M123A04BPB131-W	130	F, J, K	BP	50
M123A04BPB151-W	150	F, J, K	BP	50
M123A04BPB161-W	160	F, J, K	BP	50
M123A04BPB181-W	180	F, J, K	BP	50
M123A04BPB201-W	200	F, J, K	BP	50
M123A04BPB221-W	220	F, J, K	BP	50
M123A04BPB241-W	240	F, J, K	BP	50
M123A04BPB271-W	270	F, J, K	BP	50
M123A04BPB301-W	300	F, J, K	BP	50
M123A04BPB331-W	330	F, J, K	BP	50
M123A04BPB361-W	360	F, J, K	BP	50
M123A04BPB391-W	390	F, J, K	BP	50
M123A04BPB431-W	430	F, J, K	BP	50
M123A04BPB471-W	470	F, J, K	BP	50
M123A04BPB511-W	510	F, J, K	BP	50
M123A04BPB561-W	560	F, J, K	BP	50
M123A04BXC101KW	100	K	BX	100
M123A04BXC121KW	120	K	BX	100
M123A04BXC151KW	150	K	BX	100
M123A04BXC181KW	180	K	BX	100
M123A04BXC221KW	220	K	BX	100
M123A04BXC271KW	270	K	BX	100
M123A04BXC331KW	330	K	BX	100
M123A04BXC391KW	390	K	BX	100
M123A04BXC471KW	470	K	BX	100
M123A04BXC561KW	560	K	BX	100
M123A04BXC681KW	680	K	BX	100
M123A04BXC821KW	820	K	BX	100
M123A04BXC102KW	1,000	K	BX	100
M123A04BXB122KW	1,200	K	BX	50
M123A04BXB152KW	1,500	K	BX	50
M123A04BXB182KW	1,800	K	BX	50
M123A04BXB222KW	2,200	K	BX	50
M123A04BXB272KW	2,700	K	BX	50
M123A04BXB332KW	3,300	K	BX	50
M123A04BXB392KW	3,900	K	BX	50
M123A04BXB472KW	4,700	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 5910-2127-03)

Review activities:
 Air Force - 11