

INCH-POUND

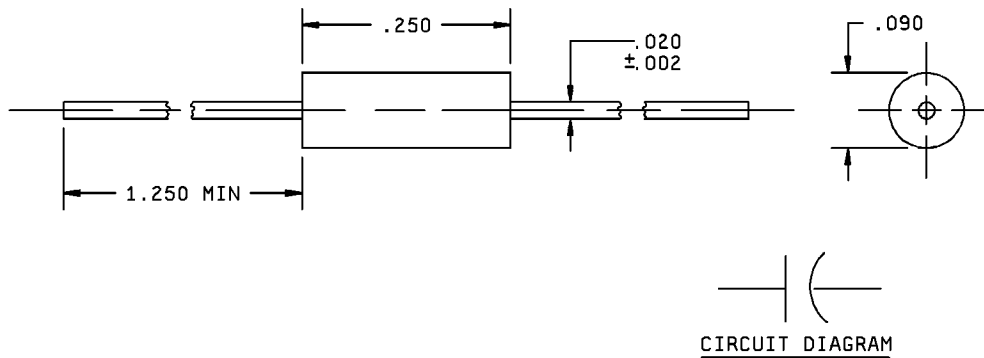
MIL-PRF-123/5B
18 June 2001
SUPERSEDING
MIL-PRF-123/5A(NA)
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PERFORMANCE SPECIFICATION SHEET

CAPACITORS, FIXED, CERAMIC DIELECTRIC,
(TEMPERATURE STABLE AND GENERAL PURPOSE),
HIGH RELIABILITY, LEADED, STYLE CKS12

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 $\pm .010$ (0.25 mm).

Inches	mm
.002	0.05
.020	0.51
.090	2.29
.250	6.35
1.250	31.75

FIGURE 1. Style CKS12 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 4.

TABLE I. Style CKS12 characteristics.

Part or Identifying Number (PIN) ^{1/}	Capacitance (pF)	Capacitance tolerance	Voltage-temperature limits	Rated voltage (volts)
M123A05BPC111-W	110	F, J, K	BP	100
M123A05BPC121-W	120	F, J, K	BP	100
M123A05BPC131-W	130	F, J, K	BP	100
M123A05BPC151-W	150	F, J, K	BP	100
M123A05BPC161-W	160	F, J, K	BP	100
M123A05BPC181-W	180	F, J, K	BP	100
M123A05BPC201-W	200	F, J, K	BP	100
M123A05BPC221-W	220	F, J, K	BP	100
M123A05BPB241-W	240	F, J, K	BP	50
M123A05BPB271-W	270	F, J, K	BP	50
M123A05BPB301-W	300	F, J, K	BP	50
M123A05BPB331-W	330	F, J, K	BP	50
M123A05BPB361-W	360	F, J, K	BP	50
M123A05BPB391-W	390	F, J, K	BP	50
M123A05BPB431-W	430	F, J, K	BP	50
M123A05BPB471-W	470	F, J, K	BP	50
M123A05BXC122KW	1,200	K	BX	100
M123A05BXC152KW	1,500	K	BX	100
M123A05BXC182KW	1,800	K	BX	100
M123A05BXC222KW	2,200	K	BX	100
M123A05BXC272KW	2,700	K	BX	100
M123A05BXC332KW	3,300	K	BX	100
M123A05BXC392KW	3,900	K	BX	100
M123A05BXC472KW	4,700	K	BX	100
M123A05BXB562KW	5,600	K	BX	50
M123A05BXB682KW	6,800	K	BX	50
M123A05BXB822KW	8,200	K	BX	50
M123A05BXB103KW	10,000	K	BX	50

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

MIL-PRF-123/5B

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 5910-2130-01)

Review activities:

Air Force - 11

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