

HOW TO ORDER

Military Type Designation: Styles CK05, CK06

For values, tolerances, voltages, sizes, configurations and dielectrics not shown, contact AVX facilities directly for information.

CK05

Style

CK = General purpose, ceramic dielectric, fixed capacitors
05 = Remaining two numbers identify shape and dimension

BX

Voltage-Temperature Limits

First letter identifies temperature range.
B = -55°C to +125°C
Second letter identifies voltage-temperature coefficient.

104

Capacitance

First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 100,000 pF as 104.

K

Capacitance Tolerance

K = ±10%
M = ±20%

| Capacitance Change with Reference to 25°C | | |
|---|------------|---------------|
| Second Letter | No Voltage | Rated Voltage |
| X | +15, -15% | +15, -25% |

PACKAGING

CK05 1000 per bag
CK06 1000 per bag

Radial tape and reel packaging available upon request (2500 pcs./reel).

SIZE SPECIFICATIONS

Dimensions: Millimeters (Inches)

| Case Size | Per MIL Spec | |
|----------------------|-------------------------|-------------------------|
| | CK05 (Fig. 1) | CK06 (Fig. 2) |
| Length (L) | 4.83±.25 (.190±.010) | 7.37±.25 (.290±.010) |
| Width (W) | 4.83±.25 (.190±.010) | 7.37±.25 (.290±.010) |
| Thickness (T) | 2.29±.25 (.090±.010) | 2.29±.25 (.090±.010) |
| Lead Spacing (L.S.) | 5.08±.38 (.200±.015) | 5.08±.38 (.200±.015) |
| Lead Diameter (L.D.) | .64±.05 (.025±.002) | .64±.05 (.025±.002) |

MILITARY PART NUMBER IDENTIFICATION CK05 AND CK06

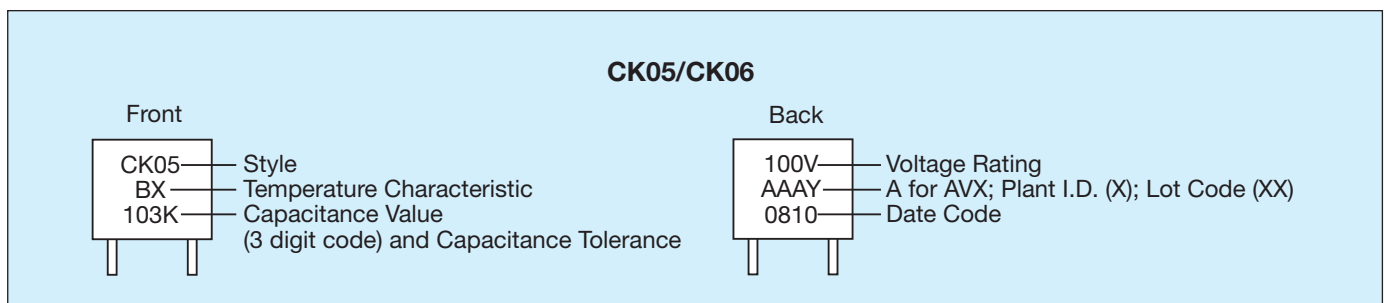
| Military Type Designation | Capacitance (pF) | Capacitance Tolerance | WVDC |
|---------------------------|------------------|-----------------------|------|
| CK05 (BX) | | | |
| CK05BX100_ | 10 | K, M | 200 |
| CK05BX120K_ | 12 | K | 200 |
| CK05BX150_ | 15 | K, M | 200 |
| CK05BX180K_ | 18 | K | 200 |
| CK05BX220_ | 22 | K, M | 200 |
| CK05BX270K_ | 27 | K | 200 |
| CK05BX330_ | 33 | K, M | 200 |
| CK05BX390K_ | 39 | K | 200 |
| CK05BX470_ | 47 | K, M | 200 |
| CK05BX560K_ | 56 | K | 200 |
| CK05BX680_ | 68 | K, M | 200 |
| CK05BX820K_ | 82 | K | 200 |
| CK05BX101_ | 100 | K, M | 200 |
| CK05BX121K_ | 120 | K | 200 |
| CK05BX151_ | 150 | K, M | 200 |
| CK05BX181K_ | 180 | K | 200 |
| CK05BX221_ | 220 | K, M | 200 |
| CK05BX271K_ | 270 | K | 200 |
| CK05BX331_ | 330 | K, M | 200 |
| CK05BX391K_ | 390 | K | 200 |
| CK05BX471_ | 470 | K, M | 200 |
| CK05BX561K_ | 560 | K | 200 |
| CK05BX681_ | 680 | K, M | 200 |
| CK05BX821K_ | 820 | K | 200 |
| CK05BX102_ | 1,000 | K, M | 200 |
| CK05BX122_ | 1,200 | K | 100 |
| CK05BX152_ | 1,500 | K, M | 100 |
| CK05BX182K_ | 1,800 | K | 100 |
| CK05BX222_ | 2,200 | K, M | 100 |
| CK05BX272K_ | 2,700 | K | 100 |
| CK05BX332_ | 3,300 | K, M | 100 |
| CK05BX392K_ | 3,900 | K | 100 |
| CK05BX472_ | 4,700 | K, M | 100 |
| CK05BX562K_ | 5,600 | K | 100 |
| CK05BX682_ | 6,800 | K, M | 100 |
| CK05BX822K_ | 8,200 | K | 100 |
| CK05BX103_ | 10,000 | K, M | 100 |
| CK05BX123K_ | 12,000 | K | 50 |
| CK05BX153_ | 15,000 | K, M | 50 |
| CK05BX183K_ | 18,000 | K | 50 |
| CK05BX223_ | 22,000 | K, M | 50 |
| CK05BX273K_ | 27,000 | K | 50 |
| CK05BX333_ | 33,000 | K, M | 50 |
| CK05BX393K_ | 39,000 | K | 50 |
| CK05BX473_ | 47,000 | K, M | 50 |
| CK05BX563K_ | 56,000 | K | 50 |
| CK05BX683_ | 68,000 | K, M | 50 |
| CK05BX823K_ | 82,000 | K | 50 |
| CK05BX104_ | 100,000 | K, M | 50 |

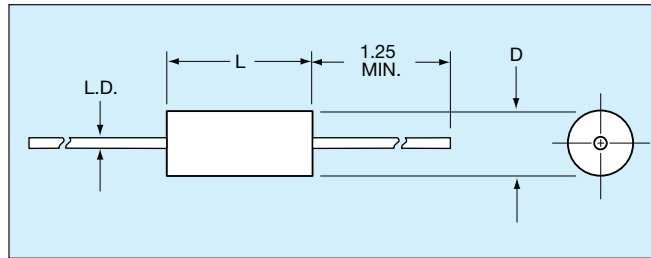
Add Capacitance Tolerance Letter K = ±10% or M = ±20%

| Military Type Designation | Capacitance (pF) | Capacitance Tolerance | WVDC |
|---------------------------|------------------|-----------------------|------|
| CK06 (BX) | | | |
| CK06BX122K_ | 1,200 | K | 200 |
| CK06BX152_ | 1,500 | K, M | 200 |
| CK06BX182K_ | 1,800 | K | 200 |
| CK06BX222_ | 2,200 | K, M | 200 |
| CK06BX272K_ | 2,700 | K | 200 |
| CK06BX332_ | 3,300 | K, M | 200 |
| CK06BX392K_ | 3,900 | K | 200 |
| CK06BX472_ | 4,700 | K, M | 200 |
| CK06BX562K_ | 5,600 | K | 200 |
| CK06BX682_ | 6,800 | K, M | 200 |
| CK06BX822K_ | 8,200 | K | 200 |
| CK06BX103_ | 10,000 | K, M | 200 |
| CK06BX123K_ | 12,000 | K | 100 |
| CK06BX153_ | 15,000 | K, M | 100 |
| CK06BX183K_ | 18,000 | K | 100 |
| CK06BX223_ | 22,000 | K, M | 100 |
| CK06BX273K_ | 27,000 | K | 100 |
| CK06BX333_ | 33,000 | K, M | 100 |
| CK06BX393K_ | 39,000 | K | 100 |
| CK06BX473_ | 47,000 | K, M | 100 |
| CK06BX563K_ | 56,000 | K | 100 |
| CK06BX683_ | 68,000 | K, M | 100 |
| CK06BX823K_ | 82,000 | K | 100 |
| CK06BX104_ | 100,000 | K, M | 100 |
| CK06BX124K_ | 120,000 | K | 50 |
| CK06BX154_ | 150,000 | K, M | 50 |
| CK06BX184K_ | 180,000 | K | 50 |
| CK06BX224_ | 220,000 | K, M | 50 |
| CK06BX274K_ | 270,000 | K | 50 |
| CK06BX334_ | 330,000 | K, M | 50 |
| CK06BX394K_ | 390,000 | K | 50 |
| CK06BX474_ | 470,000 | K, M | 50 |
| CK06BX564K_ | 560,000 | K | 50 |
| CK06BX684_ | 680,000 | K, M | 50 |
| CK06BX824K_ | 820,000 | K | 50 |
| CK06BX105_ | 1.0 mfd | K, M | 50 |

Add Capacitance Tolerance Letter K = ±10% or M = ±20%

MARKING





HOW TO ORDER

Military Type Designation: Styles CK12, CK13, CK14, CK15, CK16

CK12

Style

CK = General purpose, ceramic dielectric, fixed capacitors
12 = Remaining two numbers identify shape and dimension

BX

Voltage-Temperature Limits

First letter identifies temperature range.
B = -55°C to +125°C
Second letter identifies voltage-temperature coefficient.

| Capacitance Change with Reference to 25°C | | |
|---|------------|---------------|
| Second Letter | No Voltage | Rated Voltage |
| R | +15, -15% | +15, -40% |
| X | +15, -15% | +15, -25% |

103

Capacitance

First two digits are the significant figures of capacitance. Third digit indicates the additional number of zeros. For example, order 10,000 pF as 103.

K

Capacitance Tolerance

K = ±10%
M = ±20%

PACKAGING REQUIREMENTS

Packaging: Bulk

CK12, 13 & 14 100 pcs per bag
CK15 & 16 50 pcs per bag

Tape & Reel

CK12, 13 5000 pcs per reel
CK14 3000 pcs per reel
CK15 950 pcs per reel
CK16 650 pcs per reel

SIZE SPECIFICATIONS

Dimensions: Millimeters (Inches)

| Case Size | Per MIL Spec | | | | |
|-----------------------------|-------------------------|-------------------------|-------------------------|-------------------------|--------------------------|
| | CK12 | CK13 | CK14 | CK15 | CK16 |
| Length (L) | 4.07±.25 (.160±.010) | 6.35±.25 (.250±.010) | 9.91±.25 (.390±.010) | 12.7±.51 (.500±.020) | 17.53±.51 (.690±.020) |
| Diameter (D) | 2.29±.25 (.090±.010) | 2.29±.25 (.090±.010) | 3.56±.25 (.140±.010) | 6.35±.38 (.250±.015) | 8.89±.51 (.350±.020) |
| Lead Diameter (L.D.) | .48±.05 (.019±.002) | .48±.05 (.019±.002) | .63±.05 (.025±.002) | .63±.05 (.025±.002) | .63±.05 (.025±.002) |

MILITARY PART NUMBER IDENTIFICATION CK12 THRU CK16

| Military Type Designation | Capacitance (pF) | Capacitance Tolerance | WVDC |
|---------------------------|------------------|-----------------------|------|
| CK12 (BX) | | | |
| CK12BX100_ | 10 | K, M | 100 |
| CK12BX120K | 12 | K | 100 |
| CK12BX150 | 15 | K, M | 100 |
| CK12BX180K | 18 | K | 100 |
| CK12BX220_ | 22 | K, M | 100 |
| CK12BX270K | 27 | K | 100 |
| CK12BX330 | 33 | K, M | 100 |
| CK12BX390K | 39 | K | 100 |
| CK12BX470 | 47 | K, M | 100 |
| CK12BX560K | 56 | K | 100 |
| CK12BX680_ | 68 | K, M | 100 |
| CK12BX820K | 82 | K | 100 |
| CK12BX101_ | 100 | K, M | 100 |
| CK12BX121K | 120 | K | 100 |
| CK12BX151_ | 150 | K, M | 100 |
| CK12BX181K | 180 | K | 100 |
| CK12BX221_ | 220 | K, M | 100 |
| CK12BX271K | 270 | K | 100 |
| CK12BX331_ | 330 | K, M | 100 |
| CK12BX391K | 390 | K | 100 |
| CK12BX471_ | 470 | K, M | 100 |
| CK12BX561K | 560 | K | 100 |
| CK12BX681_ | 680 | K, M | 100 |
| CK12BX821K | 820 | K | 100 |
| CK12BX102_ | 1,000 | K, M | 100 |
| CK12BX122K | 1,200 | K | 100 |
| CK12BX152_ | 1,500 | K, M | 100 |
| CK12BX182K | 1,800 | K | 100 |
| CK12BX222_ | 2,200 | K, M | 100 |
| CK12BX272K | 2,700 | K | 100 |
| CK12BX332_ | 3,300 | K, M | 100 |
| CK12BX392K | 3,900 | K | 100 |
| CK12BX472_ | 4,700 | K, M | 100 |
| CK12BX562K | 5,600 | K | 50 |
| CK12BX682_ | 6,800 | K, M | 50 |
| CK12BX822K | 8,200 | K | 50 |
| CK12BX103_ | 10,000 | K, M | 50 |
| CK13 (BX) | | | |
| CK13BX562K | 5,600 | K | 100 |
| CK13BX682_ | 6,800 | K, M | 100 |
| CK13BX822K | 8,200 | K | 100 |
| CK13BX103_ | 10,000 | K, M | 100 |
| CK13BX123K | 12,000 | K | 50 |
| CK13BX153_ | 15,000 | K, M | 50 |
| CK13BX183K | 18,000 | K | 50 |
| CK13BX223_ | 22,000 | K, M | 50 |
| CK13 (BR) | | | |
| CK13BR273K | 27,000 | K | 50 |
| CK13BR333_ | 33,000 | K, M | 50 |
| CK13BR393K | 39,000 | K | 50 |
| CK13BR473_ | 47,000 | K, M | 50 |

Add Capacitance Tolerance Letter K = ±10% or M = ±20%

| Military Type Designation | Capacitance (pF) | Capacitance Tolerance | WVDC |
|---------------------------|------------------|-----------------------|------|
| CK14 (BX) | | | |
| CK14BX123K | 12,000 | K | 100 |
| CK14BX153_ | 15,000 | K, M | 100 |
| CK14BX183K | 18,000 | K | 100 |
| CK14BX223_ | 22,000 | K, M | 100 |
| CK14BX273K | 27,000 | K | 100 |
| CK14BX333_ | 33,000 | K, M | 100 |
| CK14BX393K | 39,000 | K | 100 |
| CK14BX473_ | 47,000 | K, M | 100 |
| CK14 (BR) | | | |
| CK14BR563K | 56,000 | K | 100 |
| CK14BR683_ | 68,000 | K, M | 100 |
| CK14BR823K | 82,000 | K | 100 |
| CK14BR104_ | 100,000 | K, M | 100 |
| CK14BR124K | 120,000 | K | 50 |
| CK14BR154_ | 150,000 | K, M | 50 |
| CK14BR184K | 180,000 | K | 50 |
| CK14BR224_ | 220,000 | K, M | 50 |
| CK14BR274K | 270,000 | K | 50 |
| CK15 (BX) | | | |
| CK15BX104K | 100,000 | K, M | 100 |
| CK15 (BR) | | | |
| CK15BR124K | 120,000 | K | 100 |
| CK15BR154_ | 150,000 | K, M | 100 |
| CK15BR184K | 180,000 | K | 100 |
| CK15BR224_ | 220,000 | K, M | 100 |
| CK15BR274K | 270,000 | K | 100 |
| CK15BR334_ | 330,000 | K, M | 100 |
| CK15BR474K | 470,000 | K, M | 50 |
| CK15BR105_ | 1,000,000 | K, M | 50 |
| CK16 (BR) | | | |
| CK16BR474K | 470,000 | K, M | 100 |
| CK16BR105_ | 1,000,000 | K, M | 100 |
| CK16BR225_ | 2,200,000 | K, M | 50 |
| CK16BR335_ | 3,300,000 | K, M | 50 |

Add Capacitance Tolerance Letter K = ±10% or M = ±20%

MARKING





Стандарт Электрон Связь

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

Наши контакты:

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Электронная почта: sales@st-electron.ru

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