



## MULTILAYER CERAMIC CHIP CAPACITORS



### CKC Series Commercial Grade 4 in 1 Array

Type:

CKCL44 [EIA CC0805]  
CKCA43 [EIA CC1206]

Issue date:  
January 2013



Version A13

## REMINDERS

Please read before using this product

### SAFETY REMINDERS



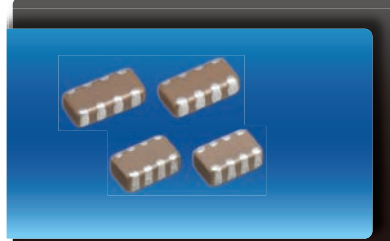
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(Example)

| Catalog Issued date    | TDK Part Number (In Catalog) | TDK Item Description (On Delivery Label) |
|------------------------|------------------------------|------------------------------------------|
| Prior to January 2013  | C1608C0G1E103J               | C1608C0G1E103JT000N                      |
| January 2013 and Later | C1608C0G1E103J080AA          | C1608C0G1E103JT000N                      |



## CKC Series 4in1 Array Capacitors

Type: CKCL44 [EIA CC0805], CKCA43 [EIA CC1206]



### Features



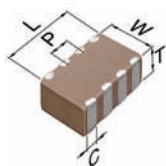
- Multiple capacitors are fitted in a single product, contributing to reduced installation costs.
- The electrostatic capacity range and shape are designed to meet the demands of the cellular phone market.
- Unique electrode construction reduces crosstalk.

### Applications



- Cellular telephone interface
- Interface cable circuit
- PC and peripherals
- CPU bus line
- High frequency circuit
- Noise bypass circuit

### Shape & Dimensions

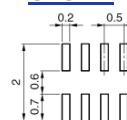


|   |                  |
|---|------------------|
| L | Body Length      |
| W | Body Width       |
| T | Body Height      |
| C | Terminal Width   |
| P | Terminal Spacing |

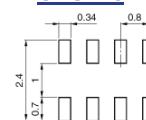
### PC Board Pattern



#### CKCL44



#### CKCA43



Dimensions in mm



### Part Number Construction

CKC • A43 • X5R • 0J • 105 • M • 100 • A • A

#### Series Name

#### Dimensions L x W (mm)

| Code | Length      | Width       |
|------|-------------|-------------|
| L44  | 2.00 ± 0.15 | 1.25 ± 0.15 |
| A43  | 3.20 ± 0.20 | 1.60 ± 0.15 |

#### Temperature Characteristics

| Temperature Characteristics | Capacitance Change | Temperature Range |
|-----------------------------|--------------------|-------------------|
| C0G                         | 0±30 ppm/°C        | -55 to +125°C     |
| CH                          | 0±60 ppm/°C        | -25 to +85°C      |
| JB                          | ±10%               | -25 to +85°C      |
| X5R                         | ±15%               | -55 to +85°C      |
| X7R                         | ±15%               | -55 to +125°C     |

#### Rated Voltage (DC)

| Code | Voltage (DC) |
|------|--------------|
| 0J   | 6.3V         |
| 1A   | 10V          |
| 1C   | 16V          |
| 1E   | 25V          |
| 1H   | 50V          |

#### Nominal Capacitance (pF)

The capacitance is expressed in three digit codes and in units of pico Farads (pF). The first and second digits identify the first and second significant figures of the capacitance. The third digit identifies the multiplier. R designates a decimal point.

Ex. 0R2 = 0.2pF; 103 = 10,000pF; 105 = 1,000,000pF = 1,000nF = 1μF

#### Capacitance Tolerance

| Code | Tolerance |
|------|-----------|
| F    | ± 1pF     |
| K    | ± 10%     |
| M    | ± 20%     |

#### Nominal Thickness

| Code | Thickness |
|------|-----------|
| 085  | 0.85 mm   |
| 100  | 1.00 mm   |

#### Packaging Style

| Code | Style                |
|------|----------------------|
| A    | 178" Reel, 4mm Pitch |

#### Special Reserved Code

| Code | Description       |
|------|-------------------|
| A    | TDK Internal Code |



## Capacitance Range Chart

## CKCL44(C2012) [EIA CC0805]

### Capacitance Range Chart

Temperature Characteristics: C0G ( $0 \pm 30\text{ppm}/^\circ\text{C}$ ), CH ( $0 \pm 60\text{ppm}/^\circ\text{C}$ ), JB ( $\pm 10\%$ ), X5R ( $\pm 15\%$ ), X7R ( $\pm 15\%$ )

Rated Voltage: 50V (1H), 25V (1E), 16V (1C), 10V (1A), 6.3V (0J)

| Capacitance (pF) | Code | Tolerance                            | C0G      | CH       | JB       |          |          |          |           |
|------------------|------|--------------------------------------|----------|----------|----------|----------|----------|----------|-----------|
|                  |      |                                      | 1H (50V) | 1H (50V) | 1H (50V) | 1E (25V) | 1C (16V) | 1A (10V) | 0J (6.3V) |
| 10               | 100  | F: $\pm 1\text{pF}$<br>K: $\pm 10\%$ |          |          |          |          |          |          |           |
| 15               | 150  |                                      |          |          |          |          |          |          |           |
| 22               | 220  |                                      |          |          |          |          |          |          |           |
| 33               | 330  |                                      |          |          |          |          |          |          |           |
| 47               | 470  |                                      |          |          |          |          |          |          |           |
| 68               | 680  |                                      |          |          |          |          |          |          |           |
| 100              | 101  |                                      |          |          |          |          |          |          |           |
| 150              | 151  |                                      |          |          |          |          |          |          |           |
| 220              | 221  |                                      |          |          |          |          |          |          |           |
| 470              | 471  |                                      |          |          |          |          |          |          |           |
| 1,000            | 102  |                                      |          |          |          |          |          |          |           |
| 2,200            | 222  |                                      |          |          |          |          |          |          |           |
| 4,700            | 472  |                                      |          |          |          |          |          |          |           |
| 10,000           | 103  |                                      |          |          |          |          |          |          |           |
| 22,000           | 223  |                                      |          |          |          |          |          |          |           |
| 47,000           | 473  |                                      |          |          |          |          |          |          |           |
| 100,000          | 104  |                                      |          |          |          |          |          |          |           |

| Capacitance (pF) | Code | Tolerance     | X5R      |          |          |          |           | X7R      |          |          |
|------------------|------|---------------|----------|----------|----------|----------|-----------|----------|----------|----------|
|                  |      |               | 1H (50V) | 1E (25V) | 1C (16V) | 1A (10V) | 0J (6.3V) | 1H (50V) | 1E (25V) | 1C (16V) |
| 220              | 221  | M: $\pm 20\%$ |          |          |          |          |           |          |          |          |
| 470              | 471  |               |          |          |          |          |           |          |          |          |
| 1,000            | 102  |               |          |          |          |          |           |          |          |          |
| 2,200            | 222  |               |          |          |          |          |           |          |          |          |
| 4,700            | 472  |               |          |          |          |          |           |          |          |          |
| 10,000           | 103  |               |          |          |          |          |           |          |          |          |
| 22,000           | 223  |               |          |          |          |          |           |          |          |          |
| 47,000           | 473  |               |          |          |          |          |           |          |          |          |
| 100,000          | 104  |               |          |          |          |          |           |          |          |          |

Standard Thickness

 0.85 mm



## Capacitance Range Chart

## CKCA43(C3216) [EIA CC1206]

### Capacitance Range Chart

Temperature Characteristics: C0G ( $0 \pm 30\text{ppm}/^\circ\text{C}$ ), CH ( $0 \pm 60\text{ppm}/^\circ\text{C}$ ), JB ( $\pm 10\%$ ), X5R ( $\pm 15\%$ ), X7R ( $\pm 15\%$ )

Rated Voltage: 50V (1H), 25V (1E), 16V (1C), 10V (1A), 6.3V (0J)

| Capacitance (pF) | Code | Tolerance                            | C0G      | CH       |
|------------------|------|--------------------------------------|----------|----------|
|                  |      |                                      | 1H (50V) | 1H (50V) |
| 10               | 100  | F: $\pm 1\text{pF}$<br>K: $\pm 10\%$ |          |          |
| 15               | 150  |                                      |          |          |
| 22               | 220  |                                      |          |          |
| 33               | 330  |                                      |          |          |
| 47               | 470  |                                      |          |          |
| 68               | 680  |                                      |          |          |
| 100              | 101  |                                      |          |          |
| 150              | 151  |                                      |          |          |
| 220              | 221  |                                      |          |          |
| 330              | 331  |                                      |          |          |
| 470              | 471  |                                      |          |          |
| 680              | 681  |                                      |          |          |
| 1,000            | 102  |                                      |          |          |

| Capacitance (pF) | Code | Tolerance     | JB       |          |          |           | X5R      |          |          |           | X7R      |          |          |
|------------------|------|---------------|----------|----------|----------|-----------|----------|----------|----------|-----------|----------|----------|----------|
|                  |      |               | 1H (50V) | 1E (25V) | 1C (16V) | 0J (6.3V) | 1H (50V) | 1E (25V) | 1C (16V) | 0J (6.3V) | 1H (50V) | 1E (25V) | 1C (16V) |
| 470              | 471  | M: $\pm 20\%$ |          |          |          |           |          |          |          |           |          |          |          |
| 1,000            | 102  |               |          |          |          |           |          |          |          |           |          |          |          |
| 2,200            | 222  |               |          |          |          |           |          |          |          |           |          |          |          |
| 4,700            | 472  |               |          |          |          |           |          |          |          |           |          |          |          |
| 10,000           | 103  |               |          |          |          |           |          |          |          |           |          |          |          |
| 22,000           | 223  |               |          |          |          |           |          |          |          |           |          |          |          |
| 47,000           | 473  |               |          |          |          |           |          |          |          |           |          |          |          |
| 100,000          | 104  |               |          |          |          |           |          |          |          |           |          |          |          |
| 1,000,000        | 105  |               |          |          |          |           |          |          |          |           |          |          |          |

Standard Thickness

 1.00 mm



## Capacitance Range Table

### Class 1 (Temperature Compensating)

Temperature Characteristics: C0G (-55 to +125°C, 0±30 ppm/°C)

| Capacitance | Size | Thickness (mm) | Capacitance Tolerance | TDK Part Number        |                        |                        |                        |
|-------------|------|----------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
|             |      |                |                       | Rated Voltage Edc: 50V | Rated Voltage Edc: 25V | Rated Voltage Edc: 16V | Rated Voltage Edc: 10V |
| 10 pF       | 2012 | 0.85 ± 0.15    | ± 1%                  | CKCL44C0G1H100F085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 1%                  | CKCA43C0G1H100F100AA   |                        |                        |                        |
| 15 pF       | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44C0G1H150K085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43C0G1H150K100AA   |                        |                        |                        |
| 22 pF       | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44C0G1H220K085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 10%                 | CKCA43C0G1H220K100AA   |                        |                        |                        |
| 33 pF       | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44C0G1H330K085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43C0G1H330K100AA   |                        |                        |                        |
| 47 pF       | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44C0G1H470K085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 10%                 | CKCA43C0G1H470K100AA   |                        |                        |                        |
| 68 pF       | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44C0G1H680K085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43C0G1H680K100AA   |                        |                        |                        |
| 100 pF      | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44C0G1H101K085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 10%                 | CKCA43C0G1H101K100AA   |                        |                        |                        |
| 150 pF      | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44C0G1H151K085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43C0G1H151K100AA   |                        |                        |                        |
| 220 pF      | 3216 | 1.00 ± 0.15    | ± 10%                 | CKCA43C0G1H221K100AA   |                        |                        |                        |
| 330 pF      | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43C0G1H331K100AA   |                        |                        |                        |
| 470 pF      | 3216 | 1.00 ± 0.15    | ± 10%                 | CKCA43C0G1H471K100AA   |                        |                        |                        |
| 680 pF      | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43C0G1H681K100AA   |                        |                        |                        |
| 1 nF        | 3216 | 1.00 ± 0.15    | ± 10%                 | CKCA43C0G1H102K100AA   |                        |                        |                        |

### Class 1 (Temperature Compensating)

Temperature Characteristics: CH (-25 to +85°C, 0±60 ppm/°C)

| Capacitance | Size | Thickness (mm) | Capacitance Tolerance | TDK Part Number        |                        |                        |                        |
|-------------|------|----------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
|             |      |                |                       | Rated Voltage Edc: 50V | Rated Voltage Edc: 25V | Rated Voltage Edc: 16V | Rated Voltage Edc: 10V |
| 10 pF       | 2012 | 0.85 ± 0.15    | ± 1%                  | CKCL44CH1H100F085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 1%                  | CKCA43CH1H100F100AA    |                        |                        |                        |
| 15 pF       | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44CH1H150K085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H150K100AA    |                        |                        |                        |
| 22 pF       | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44CH1H220K085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H220K100AA    |                        |                        |                        |
| 33 pF       | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44CH1H330K085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H330K100AA    |                        |                        |                        |
| 47 pF       | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44CH1H470K085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H470K100AA    |                        |                        |                        |
| 68 pF       | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44CH1H680K085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H680K100AA    |                        |                        |                        |
| 100 pF      | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44CH1H101K085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H101K100AA    |                        |                        |                        |
| 150 pF      | 2012 | 0.85 ± 0.15    | ± 10%                 | CKCL44CH1H151K085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H151K100AA    |                        |                        |                        |
| 220 pF      | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H221K100AA    |                        |                        |                        |
| 330 pF      | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H331K100AA    |                        |                        |                        |
| 470 pF      | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H471K100AA    |                        |                        |                        |
| 680 pF      | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H681K100AA    |                        |                        |                        |
| 1 nF        | 3216 | 1.00 ± 0.10    | ± 10%                 | CKCA43CH1H102K100AA    |                        |                        |                        |



## Capacitance Range Table

### Class 2 (Temperature Stable)

Temperature Characteristics: JB (-25 to +85°C, ±10%)

| Capacitance | Size | Thickness (mm) | Capacitance Tolerance | TDK Part Number        |                        |                        |                        |
|-------------|------|----------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
|             |      |                |                       | Rated Voltage Edc: 50V | Rated Voltage Edc: 25V | Rated Voltage Edc: 16V | Rated Voltage Edc: 10V |
| 220 pF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44JB1H221M085AA    |                        |                        |                        |
| 470 pF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44JB1H471M085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43JB1H471M100AA    |                        |                        |                        |
| 1 nF        | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44JB1H102M085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43JB1H102M100AA    |                        |                        |                        |
| 2.2 nF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44JB1H222M085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43JB1H222M100AA    |                        |                        |                        |
| 4.7 nF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44JB1H472M085AA    |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43JB1H472M100AA    |                        |                        |                        |
| 10 nF       | 2012 | 0.85 ± 0.15    | ± 20%                 |                        | CKCL44JB1E103M085AA    |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43JB1H103M100AA    |                        |                        |                        |
| 22 nF       | 2012 | 0.85 ± 0.15    | ± 20%                 |                        |                        | CKCL44JB1C223M085AA    |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43JB1H223M100AA    |                        |                        |                        |
| 47 nF       | 2012 | 0.85 ± 0.15    | ± 20%                 |                        |                        |                        | CKCL44JB1A473M085AA    |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 |                        | CKCA43JB1E473M100AA    |                        |                        |
| 100 nF      | 3216 | 1.00 ± 0.15    | ± 20%                 |                        |                        | CKCA43JB1C104M100AA    |                        |

| Capacitance | Size | Thickness (mm) | Capacitance Tolerance | TDK Part Number         |  |
|-------------|------|----------------|-----------------------|-------------------------|--|
|             |      |                |                       | Rated Voltage Edc: 6.3V |  |
| 100 nF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44JB0J104M085AA     |  |
| 1 µF        | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43JB0J105M100AA     |  |

### Class 2 (Temperature Stable)

Temperature Characteristics: X5R (-55 to +85°C, ±15%)

| Capacitance | Size | Thickness (mm) | Capacitance Tolerance | TDK Part Number        |                        |                        |                        |
|-------------|------|----------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
|             |      |                |                       | Rated Voltage Edc: 50V | Rated Voltage Edc: 25V | Rated Voltage Edc: 16V | Rated Voltage Edc: 10V |
| 220 pF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44X5R1H221M085AA   |                        |                        |                        |
| 470 pF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44X5R1H471M085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43X5R1H471M100AA   |                        |                        |                        |
| 1 nF        | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44X5R1H102M085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43X5R1H102M100AA   |                        |                        |                        |
| 2.2 nF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44X5R1H222M085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43X5R1H222M100AA   |                        |                        |                        |
| 4.7 nF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44X5R1H472M085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43X5R1H472M100AA   |                        |                        |                        |
| 10 nF       | 2012 | 0.85 ± 0.15    | ± 20%                 |                        | CKCL44X5R1E103M085AA   |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43X5R1H103M100AA   |                        |                        |                        |
| 22 nF       | 2012 | 0.85 ± 0.15    | ± 20%                 |                        |                        | CKCL44X5R1C223M085AA   |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43X5R1H223M100AA   |                        |                        |                        |
| 47 nF       | 2012 | 0.85 ± 0.15    | ± 20%                 |                        |                        |                        | CKCL44X5R1A473M085AA   |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 |                        | CKCA43X5R1E473M100AA   |                        |                        |
| 100 nF      | 2012 | 0.85 ± 0.15    | ± 20%                 |                        |                        |                        |                        |
|             | 3216 | 1.00 ± 0.15    | ± 20%                 |                        |                        | CKCA43X5R1C104M100AA   |                        |
| 1 µF        | 3216 | 1.00 ± 0.15    | ± 20%                 |                        |                        |                        |                        |

| Capacitance | Size | Thickness (mm) | Capacitance Tolerance | TDK Part Number         |  |
|-------------|------|----------------|-----------------------|-------------------------|--|
|             |      |                |                       | Rated Voltage Edc: 6.3V |  |
| 100 nF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44X5R0J104M085AA    |  |
| 1 µF        | 3216 | 1.00 ± 0.15    | ± 20%                 | CKCA43X5R0J105M100AA    |  |



## Capacitance Range Table

### Class 2 (Temperature Stable)

Temperature Characteristics: X7R (-55 to +125°C, ±15%)

| Capacitance | Size | Thickness (mm) | Capacitance Tolerance | TDK Part Number        |                        |                        |                        |
|-------------|------|----------------|-----------------------|------------------------|------------------------|------------------------|------------------------|
|             |      |                |                       | Rated Voltage Edc: 50V | Rated Voltage Edc: 25V | Rated Voltage Edc: 16V | Rated Voltage Edc: 10V |
| 220 pF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44X7R1H221M085AA   |                        |                        |                        |
| 470 pF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44X7R1H471M085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.30    | ± 20%                 | CKCA43X7R1H471M100AA   |                        |                        |                        |
| 1 nF        | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44X7R1H102M085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.30    | ± 20%                 | CKCA43X7R1H102M100AA   |                        |                        |                        |
| 2.2 nF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44X7R1H222M085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.30    | ± 20%                 | CKCA43X7R1H222M100AA   |                        |                        |                        |
| 4.7 nF      | 2012 | 0.85 ± 0.15    | ± 20%                 | CKCL44X7R1H472M085AA   |                        |                        |                        |
|             | 3216 | 1.00 ± 0.30    | ± 20%                 | CKCA43X7R1H472M100AA   |                        |                        |                        |
| 10 nF       | 2012 | 0.85 ± 0.15    | ± 20%                 |                        | CKCL44X7R1E103M085AA   |                        |                        |
|             | 3216 | 1.00 ± 0.30    | ± 20%                 | CKCA43X7R1H103M100AA   |                        |                        |                        |
| 22 nF       | 2012 | 0.85 ± 0.15    | ± 20%                 |                        |                        | CKCL44X7R1C223M085AA   |                        |
|             | 3216 | 1.00 ± 0.30    | ± 20%                 | CKCA43X7R1H223M100AA   |                        |                        |                        |
| 47 nF       | 3216 | 1.00 ± 0.30    | ± 20%                 |                        | CKCA43X7R1E473M100AA   |                        |                        |
| 100 nF      | 3216 | 1.00 ± 0.30    | ± 20%                 |                        |                        | CKCA43X7R1C104M100AA   |                        |



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

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