

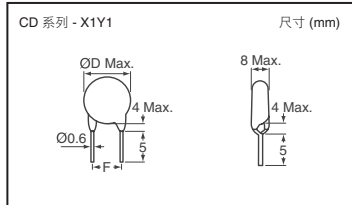
CD 系列 - X1Y1

加强绝缘型
2类: 高介电

特点:

- 小于传统的电容器 • 阻燃加强型外部绝缘材料阻止火灾、电击和其它潜在危险 • 符合 11 个国家的安全标准 (根据 IEC 出版物 384 -14 版本 2, 符合欧洲标准) • 符合欧洲 II 类 (加强绝缘材料) 安全标准 VDE、SEV、SEMKO、BS。由于其 AC 额定电压高达 4000V, 它可作为单元件配置用于欧洲 II 类设备

温度范围: -25°C ~ 105°C



国际认证资格: 通过 IEC60384-14 第 2 版 EN132400 认证

| 安全标准 | 符号 | IEC 标准编号 | 标准编号 | 温度特性 | 绝缘材料子类 | 额定电压 Eac (V) | 批准报告编号 | | |
|-------|-------|------------------------------------|---|------|----------|--------------|---------------|---------------|------------|
| | | | | | | | 日本 | 台湾 | 厦门 |
| BSI | BS415 | IEC 60065 IEC 60384-14 第 2 版 | BS EN 60065: 1998 (BS415: 1998) BS EN132400: 1995 (EN132400: 1994) | B, E | X1, Y1 | 250 | 226495 | 226495 | 226495 |
| VDE | | IEC 60384-14 第 2 版 | EN132400 | B, E | X1 Y1 | 400 250 | 138526 | 138550 | 124321 |
| SEV | | IEC 60384-14 第 2 版 | EN132400 | B, E | X1 Y1 | 400 250 | 01.1508 | 01.1508 | 99.7 70564 |
| SEMKO | | IEC 60384-14 第 2 版 | EN132400 | B, E | X1, Y1 | 250 | 0139185/01-02 | 0139185/01-02 | 9945094 |
| NEMKO | | IEC 60384-14 第 2 版 | EN132400 | B, E | X1, Y1 | 250 | P01101987 | P01101987 | P99102682 |
| DEMKO | | IEC 60384-14 第 2 版 | EN132400 | B, E | X1, Y1 | 250 | 310959-01 | 310959-01 | 99-04087 |
| FIMKO | | IEC 60384-14 第 2 版 | EN132400 | B, E | X1, Y1 | 250 | FI 17415 | FI 17415 | 14237 |
| IMQ | | IEC 60384-14 第 2 版 | EN132400 | B, E | X1, Y1 | 250 | V3691 | V3691 | V3691 |
| SAA | — | IEC 60065 | AS3250 | B, E | — | 400 | 6268 | 6268 | 6268 |
| UL | | — | UL 1414 | B, E | (X, Y) | 250 | E37861 | E37861 | E37861 |
| CSA | | — | C22.2 No. 0 和 No. 1 | B, E | (X, Y) | 250 | LR35801 | LR65972 | 201723 |

证书编号随相关标准的修订而改变

| 电压 | 电容温度特性 | 电容 (pF) | 电容公差 | 尺寸 (mm) | | Digi-Key 零件编号 | 价格 | | | TDK 零件编号 |
|--------|---------------|---------|----------|---------|----------|---------------|------|------|-------|------------------|
| | | | | 最大 øD | F | | 5 | 10 | 100 | |
| 250VAC | B (±10%) | 100 | K (±10%) | 7 | 10±2, -1 | 445-2402-ND | .77 | 1.13 | 8.09 | CD70-B2GA101KYNS |
| | | 150 | K (±10%) | 7 | 10±2, -1 | 445-2403-ND | .86 | 1.27 | 9.05 | CD70-B2GA151KYNS |
| | | 220 | K (±10%) | 8.5 | 10±2, -1 | 445-2404-ND | .98 | 1.44 | 10.27 | CD85-B2GA221KYNS |
| | | 330 | K (±10%) | 9 | 10±2, -1 | 445-2405-ND | 1.01 | 1.49 | 10.66 | CD90-B2GA331KYNS |
| | | 390 | K (±10%) | 9 | 10±2, -1 | 445-2406-ND | 1.05 | 1.55 | 11.07 | CD90-B2GA391KYNS |
| | | 470 | K (±10%) | 9.5 | 10±2, -1 | 445-2407-ND | 1.11 | 1.63 | 11.64 | CD95-B2GA471KYNS |
| | E (+20, -55%) | 680 | M (±20%) | 7.5 | 10±2, -1 | 445-2408-ND | .71 | 1.05 | 7.52 | CD75-E2GA681MYNS |
| | | 1000 | M (±20%) | 8.5 | 10±2, -1 | 445-2409-ND | .80 | 1.18 | 8.42 | CD85-E2GA102MYNS |
| | | 1500 | M (±20%) | 10 | 10±2, -1 | 445-2410-ND | .95 | 1.40 | 9.99 | CD10-E2GA152MYNS |
| | | 2200 | M (±20%) | 11.5 | 10±2, -1 | 445-2411-ND | 1.17 | 1.73 | 12.36 | CD12-E2GA222MYNS |
| | | 3300 | M (±20%) | 13.5 | 10±2, -1 | 445-2412-ND | 1.59 | 2.34 | 16.72 | CD14-E2GA332MYNS |
| | | 3900 | M (±20%) | 14.5 | 10±2, -1 | 445-2413-ND | 1.76 | 2.60 | 18.57 | CD15-E2GA392MYNS |
| | | 4700 | M (±20%) | 15.5 | 10±2, -1 | 445-2414-ND | 2.03 | 2.99 | 21.37 | CD16-E2GA472MYNS |

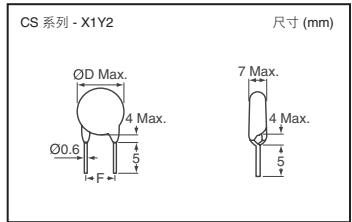
CS 系列 - X1Y2

基本绝缘
2类: 高介电

特点:

- 小于传统的电容器
- 阻燃加强型外部绝缘材料阻止火灾、电击和其它潜在危险
- 符合 11 个国家的安全标准 (根据 IEC 出版物 384 -14 版本 2, 符合欧洲标准)

温度范围: -25°C ~ 125°C



国际认证资格: 通过 IEC60384-14 第 2 版 EN132400 认证

| 安全标准 | 符号 | IEC 标准编号 | 标准编号 | 温度特性 | 绝缘材料子类 | 额定电压 Eac (V) | 批准报告编号 | | |
|-------|-------|------------------------------------|---|---------|--------|--------------|---------------|---------------|------------|
| | | | | | | | 日本 | 台湾 | 厦门 |
| BSI | BS415 | IEC 60065 IEC 60384-14 第 2 版 | BS EN 60065: 1998 (BS415: 1998) BS EN132400: 1995 (EN132400: 1994) | B, E, F | X1, Y2 | 250 | 226494 | 226494 | 226494 |
| VDE | | IEC 60384-14 第 2 版 | EN132400 | B, E, F | X1, Y2 | 250 | 138559 | 138560 | 12006 |
| SEV | | IEC 60384-14 第 2 版 | EN132400 | B, E, F | X1, Y2 | 250 | 01.15.05 | 01.15.05 | 99.7 70564 |
| SEMKO | | IEC 60384-14 第 2 版 | EN132400 | B, E, F | X1, Y2 | 250 | 0139186/01-02 | 0139186/01-02 | 9945094 |
| NEMKO | | IEC 60384-14 第 2 版 | EN132400 | B, E, F | X1, Y2 | 250 | P01101988 | P01101988 | P99102682 |
| DEMKO | | IEC 60384-14 第 2 版 | EN132400 | B, E, F | X1, Y2 | 250 | 310966-01 | 310966-01 | 99-04087 |
| FIMKO | | IEC 60384-14 第 2 版 | EN132400 | B, E, F | X1, Y2 | 250 | FI 17416 | FI 17416 | 14237 |
| IMQ | | IEC 60384-14 第 2 版 | EN132400 | B, E, F | X1, Y2 | 250 | V3692 | V3692 | V3691 |
| SAA | — | IEC 60065 | AS3250 | B, E, F | — | 400 | 6268 | 6268 | 6268 |
| UL | | — | UL 1414 | B, E, F | (X, Y) | 250 | E37861 | E37861 | E37861 |
| CSA | | — | C22.2 No. 0 和 No. 1 | B, E, F | (X, Y) | 250 | LR35801 | LR65972 | 201723 |

证书编号随相关标准的修订而改变

| 电压 | 电容温度特性 | 电容 (pF) | 电容公差 | 尺寸 (mm) | | Digi-Key 零件编号 | 价格 | | | TDK 零件编号 |
|--------|---------------|---------|----------|---------|-----------|---------------|------|------|-------|------------------|
| | | | | 最大 øD | F | | 5 | 10 | 100 | |
| 250VAC | B (±10%) | 100 | K (±10%) | 7 | 7.5 ± 1.5 | 445-2415-ND | .75 | 1.11 | 7.93 | CS70-B2GA101KYNS |
| | | 150 | K (±10%) | 7 | 7.5 ± 1.5 | 445-2416-ND | .73 | 1.07 | 7.65 | CS70-B2GA151KYNS |
| | | 220 | K (±10%) | 7 | 7.5 ± 1.5 | 445-2417-ND | .69 | 1.02 | 7.31 | CS70-B2GA221KYNS |
| | | 330 | K (±10%) | 8.5 | 7.5 ± 1.5 | 445-2418-ND | .87 | 1.28 | 9.16 | CS85-B2GA331KYNS |
| | | 470 | K (±10%) | 8.5 | 7.5 ± 1.5 | 445-2419-ND | .79 | 1.16 | 8.27 | CS85-B2GA471KYNS |
| | | 680 | K (±10%) | 9.5 | 7.5 ± 1.5 | 445-2420-ND | .90 | 1.32 | 9.46 | CS95-B2GA681KYNS |
| | E (+20, -55%) | 1000 | M (±20%) | 10 | 7.5 ± 1.5 | 445-2421-ND | 1.02 | 1.50 | 10.74 | CS10-B2GA102KYNS |
| | | 1500 | M (±20%) | 8 | 7.5 ± 1.5 | 445-2422-ND | .67 | .99 | 7.07 | CS80-E2GA102MYNS |
| | | 2200 | M (±20%) | 9 | 7.5 ± 1.5 | 445-2423-ND | .83 | 1.22 | 8.70 | CS90-E2GA152MYNS |
| | | 3300 | M (±20%) | 10.5 | 7.5 ± 1.5 | 445-2424-ND | .78 | 1.14 | 8.17 | CS11-E2GA222MYNS |
| | | 3900 | M (±20%) | 12.5 | 7.5 ± 1.5 | 445-2425-ND | 1.24 | 1.83 | 13.06 | CS13-E2GA332MYNS |
| | | 4700 | M (±20%) | 13.5 | 7.5 ± 1.5 | 445-2426-ND | 1.59 | 2.34 | 16.71 | CS14-E2GA392MYNS |
| | F (+30, -80%) | 4700 | M (±20%) | 14.5 | 7.5 ± 1.5 | 445-2427-ND | 1.59 | 2.34 | 16.75 | CS15-E2GA472MYNS |
| | | 10000 | M (±20%) | 12 | 7.5 ± 1.5 | 445-2428-ND | 1.21 | 1.78 | 12.73 | CS12-F2GA472MYNS |
| | | | M (±20%) | 16.5 | 10 ± 2 | 445-2429-ND | 2.36 | 3.47 | 24.81 | CS17-F2GA103MYNS |

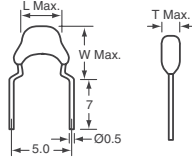
全部产品均以美元计价。 免费电话: 10800-1527031 (China Telecom - 中国电讯) — 10800-8527031 (CNCG - 中国网通)



双列直插式径向陶瓷电容器

FK 系列

特点：
引线有一个“结”，以实现一致的插入高度，并且便于在焊接期间让气体排出，从而显著改善可焊接性。

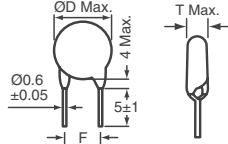


| VDC | 电容 | 电容公差 | 尺寸 (mm) | | | Digi-Key 零件编号 | 价格 | | | TDK 零件编号 |
|----------------------------|----------------------------|------|---------|-----|-----|---------------|-------|-------|--------|---------------|
| | | | L | W | T | | 5 | 10 | 100 | |
| MID 电压 | | | | | | | | | | |
| COG (-55°C ~ 125°C) | | | | | | | | | | |
| 100V | 100pF | ±5% | 4.0 | 5.5 | 2.5 | 445-2943-ND | 1.07 | 1.58 | 11.25 | FK28C0G2A101J |
| | 220pF | ±5% | 4.0 | 5.5 | 2.5 | 445-2944-ND | 1.09 | 1.61 | 11.50 | FK28C0G2A221J |
| | 470pF | ±5% | 4.0 | 5.5 | 2.5 | 445-2945-ND | 1.14 | 1.68 | 12.00 | FK28C0G2A471J |
| | 1000pF | ±5% | 4.0 | 5.5 | 2.5 | 445-2946-ND | 1.19 | 1.75 | 12.50 | FK28C0G2A102J |
| | 1000pF | ±5% | 4.5 | 5.5 | 2.5 | 445-2996-ND | 1.28 | 1.89 | 13.50 | FK24C0G2A102J |
| | 2200pF | ±5% | 4.5 | 5.5 | 2.5 | 445-2997-ND | 1.52 | 2.24 | 16.00 | FK24C0G2A222J |
| | 4700pF | ±5% | 4.5 | 5.5 | 2.5 | 445-2998-ND | 1.76 | 2.59 | 18.50 | FK24C0G2A472J |
| | 4700pF | ±5% | 5.5 | 6.0 | 3.5 | 445-2601-ND | 2.00 | 2.94 | 21.00 | FK26C0G2A472J |
| | 10000pF | ±5% | 5.5 | 6.0 | 3.5 | 445-2602-ND | 2.52 | 3.71 | 26.50 | FK26C0G2A103J |
| | 22000pF | ±5% | 5.5 | 7.0 | 4.0 | 445-2609-ND | 5.46 | 8.05 | 57.50 | FK20C0G2A223J |
| 250V | 47000pF | ±5% | 7.5 | 8.0 | 4.0 | 445-2612-ND | 9.07 | 13.37 | 95.00 | FK22C0G2A473J |
| | 1μF | ±5% | 7.5 | 8.0 | 4.0 | 445-2613-ND | 11.50 | 16.94 | 121.00 | FK22C0G2A104J |
| | 100pF | ±5% | 4.0 | 5.5 | 2.5 | 445-2593-ND | 1.14 | 1.68 | 12.00 | FK28C0G2E101J |
| | 220pF | ±5% | 4.0 | 5.5 | 2.5 | 445-2594-ND | 1.19 | 1.75 | 12.50 | FK28C0G2E221J |
| | 470pF | ±5% | 4.0 | 5.5 | 2.5 | 445-2595-ND | 1.19 | 1.75 | 12.50 | FK28C0G2E471J |
| | 1000pF | ±5% | 4.5 | 5.5 | 2.5 | 445-2599-ND | 1.38 | 2.03 | 14.50 | FK24C0G2E102J |
| | 2200pF | ±5% | 4.5 | 5.5 | 2.5 | 445-2600-ND | 1.62 | 2.38 | 17.00 | FK24C0G2E222J |
| | 4700pF | ±5% | 5.5 | 6.0 | 3.5 | 445-2603-ND | 2.14 | 3.15 | 22.50 | FK26C0G2E472J |
| | 10000pF | ±5% | 5.5 | 7.0 | 4.0 | 445-2610-ND | 4.04 | 5.95 | 42.50 | FK20C0G2E103J |
| | 47000pF | ±5% | 7.5 | 8.0 | 4.0 | 445-2614-ND | 8.31 | 12.25 | 87.50 | FK22C0G2E223J |
| 630V | 47000pF | ±5% | 7.5 | 8.0 | 4.0 | 445-2615-ND | 11.50 | 16.94 | 121.00 | FK22C0G2E473J |
| | 100pF | ±5% | 5.5 | 6.0 | 3.5 | 445-2604-ND | 1.52 | 2.24 | 16.00 | FK26C0G2J101J |
| | 220pF | ±5% | 5.5 | 6.0 | 3.5 | 445-2605-ND | 1.71 | 2.52 | 18.00 | FK26C0G2J221J |
| | 470pF | ±5% | 5.5 | 6.0 | 3.5 | 445-2606-ND | 1.95 | 2.87 | 20.50 | FK26C0G2J471J |
| | 1000pF | ±5% | 5.5 | 6.0 | 3.5 | 445-2607-ND | 2.14 | 3.15 | 22.50 | FK26C0G2J102J |
| | 2200pF | ±5% | 5.5 | 6.0 | 3.5 | 445-2608-ND | 2.38 | 3.50 | 25.00 | FK26C0G2J222J |
| | 4700pF | ±5% | 5.5 | 7.0 | 4.0 | 445-2611-ND | 3.90 | 5.74 | 41.00 | FK20C0G2J472J |
| | 10000pF | ±5% | 7.5 | 8.0 | 4.0 | 445-2616-ND | 9.99 | 8.82 | 63.00 | FK22C0G2J103J |
| | 22000pF | ±5% | 7.5 | 8.0 | 4.0 | 445-2617-ND | 15.34 | 22.61 | 161.50 | FK22C0G2J223J |
| | X7R (-55°C ~ 125°C) | | | | | | | | | |
| 100V | 1000pF | ±10% | 4.0 | 5.5 | 2.5 | 445-2618-ND | 1.09 | 1.61 | 11.50 | FK28X7R2A102K |
| | 1000pF | ±10% | 4.5 | 5.5 | 2.5 | 445-2622-ND | 1.19 | 1.75 | 12.50 | FK24X7R2A102K |
| | 2200pF | ±10% | 4.0 | 5.5 | 2.5 | 445-2619-ND | 1.09 | 1.61 | 11.50 | FK28X7R2A222K |
| | 2200pF | ±10% | 4.5 | 5.5 | 2.5 | 445-2623-ND | 1.24 | 1.82 | 13.00 | FK24X7R2A222K |
| | 4700pF | ±10% | 4.0 | 5.5 | 2.5 | 445-2620-ND | 1.09 | 1.61 | 11.50 | FK28X7R2A472K |
| | 4700pF | ±10% | 4.5 | 5.5 | 2.5 | 445-2624-ND | 1.28 | 1.89 | 13.50 | FK24X7R2A472K |
| | 10000pF | ±10% | 4.0 | 5.5 | 2.5 | 445-2621-ND | 1.14 | 1.68 | 12.00 | FK28X7R2A103K |
| | 10000pF | ±10% | 4.5 | 5.5 | 2.5 | 445-2625-ND | 1.33 | 1.96 | 14.00 | FK24X7R2A103K |
| | 22000pF | ±10% | 4.5 | 5.5 | 2.5 | 445-2626-ND | 1.33 | 1.96 | 14.00 | FK24X7R2A223K |
| | 47000pF | ±10% | 4.5 | 5.5 | 2.5 | 445-2627-ND | 1.38 | 2.03 | 14.50 | FK24X7R2A473K |
| 100V | 47000pF | ±10% | 5.5 | 6.0 | 3.5 | 445-2633-ND | 1.95 | 2.87 | 20.50 | FK26X7R2A473K |
| | 1μF | ±10% | 5.5 | 6.0 | 3.5 | 445-2634-ND | 2.04 | 3.01 | 21.50 | FK26X7R2A104K |
| | 47μF | ±10% | 5.5 | 7.0 | 4.0 | 445-2643-ND | 3.85 | 5.67 | 40.50 | FK20X7R2A474K |
| | 1μF | ±10% | 7.5 | 8.0 | 4.0 | 445-2647-ND | 5.89 | 8.68 | 62.00 | FK22X7R2A105K |
| | 1000pF | ±10% | 4.5 | 5.5 | 2.5 | 445-2628-ND | 1.28 | 1.89 | 13.50 | FK24X7R2E102K |
| | 2200pF | ±10% | 4.5 | 5.5 | 2.5 | 445-2629-ND | 1.33 | 1.96 | 14.00 | FK24X7R2E222K |
| | 4700pF | ±10% | 4.5 | 5.5 | 2.5 | 445-2630-ND | 1.38 | 2.03 | 14.50 | FK24X7R2E472K |
| | 10000pF | ±10% | 4.5 | 5.5 | 2.5 | 445-2631-ND | 1.38 | 2.03 | 14.50 | FK24X7R2E103K |
| | 22000pF | ±10% | 4.5 | 5.5 | 2.5 | 445-2632-ND | 1.43 | 2.10 | 15.00 | FK24X7R2E223K |
| | 22000pF | ±10% | 5.5 | 6.0 | 3.5 | 445-2635-ND | 2.19 | 3.22 | 23.00 | FK26X7R2E223K |
| 250V | 47000pF | ±10% | 5.5 | 6.0 | 3.5 | 445-2636-ND | 2.33 | 3.43 | 24.50 | FK26X7R2E473K |
| | 1μF | ±10% | 5.5 | 6.0 | 3.5 | 445-2637-ND | 2.52 | 3.71 | 26.50 | FK26X7R2E104K |
| | 1μF | ±10% | 5.5 | 7.0 | 4.0 | 445-2644-ND | 4.13 | 6.09 | 43.50 | FK20X7R2E104K |
| | 22μF | ±10% | 5.5 | 7.0 | 4.0 | 445-2645-ND | 4.70 | 6.93 | 49.50 | FK20X7R2E224K |
| | 22μF | ±10% | 7.5 | 8.0 | 4.0 | 445-2648-ND | 5.37 | 7.91 | 56.50 | FK22X7R2E224K |
| | 47μF | ±10% | 7.5 | 8.0 | 4.0 | 445-2649-ND | 6.70 | 9.87 | 70.50 | FK22X7R2E474K |

| VDC | 电容 | 电容公差 | 尺寸 (mm) | | | Digi-Key 零件编号 | 价格 | | | TDK 零件编号 |
|----------------------------|---------|------|---------|-----|-----|---------------|-------|-------|--------|---------------|
| | | | L | W | T | | 5 | 10 | 100 | |
| 630V | 1000pF | ±10% | 5.5 | 6.0 | 3.5 | 445-2638-ND | 2.14 | 3.15 | 22.50 | FK26X7R2J102K |
| | 4700pF | ±10% | 5.5 | 6.0 | 3.5 | 445-2640-ND | 2.38 | 3.50 | 25.00 | FK26X7R2J472K |
| | 10000pF | ±10% | 5.5 | 6.0 | 3.5 | 445-2641-ND | 2.47 | 3.64 | 26.00 | FK26X7R2J103K |
| | 22000pF | ±10% | 5.5 | 6.0 | 3.5 | 445-2642-ND | 2.61 | 3.85 | 27.50 | FK26X7R2J223K |
| 630V | 47000pF | ±10% | 5.5 | 7.0 | 4.0 | 445-2646-ND | 3.04 | 4.48 | 32.00 | FK20X7R2J473K |
| | 1μF | ±10% | 7.5 | 8.0 | 4.0 | 445-2650-ND | 5.04 | 7.42 | 53.00 | FK22X7R2J104K |
| 一般用途 | | | | | | | | | | |
| X7R (-55°C ~ 125°C) | | | | | | | | | | |
| 16V | 22μF | ±10% | 4.0 | 5.5 | 2.5 | 445-2849-ND | 1.14 | 1.68 | 12.00 | FK28X7R1C224K |
| | 1μF | ±10% | 4.5 | 5.5 | 2.5 | 445-2858-ND | 1.57 | 2.31 | 16.50 | FK24X7R1C105K |
| | 2.2μF | ±10% | 4.5 | 5.5 | 2.5 | 445-2859-ND | 1.76 | 2.59 | 18.50 | FK24X7R1C225K |
| | 4.7μF | ±10% | 5.5 | 6.0 | 3.5 | 445-2873-ND | 2.19 | 3.22 | 23.00 | FK26X7R1C475K |
| | 10μF | ±10% | 5.5 | 7.0 | 4.0 | 445-2887-ND | 4.13 | 6.09 | 43.50 | FK20X7R1C106K |
| | 10μF | ±20% | 5.5 | 7.0 | 4.0 | 445-2888-ND | 4.13 | 6.09 | 43.50 | FK20X7R1C106M |
| | 22μF | ±20% | 7.5 | 8.0 | 4.0 | 445-2900-ND | 8.08 | 11.90 | 85.00 | FK22X7R1C226M |
| | 47μF | ±10% | 4.5 | 5.5 | 2.5 | 445-2856-ND | 1.43 | 2.10 | 15.00 | FK24X7R1E474K |
| | 1μF | ±10% | 4.5 | 5.5 | 2.5 | 445-2857-ND | 1.78 | 2.63 | 18.75 | FK24X7R1E105K |
| | 1μF | ±10% | 5.5 | 6.0 | 3.5 | 445-2871-ND | 2.02 | 2.98 | 21.25 | FK26X7R1E105K |
| 25V | 2.2μF | ±10% | 5.5 | 6.0 | 3.5 | 445-2872-ND | 2.26 | 3.33 | 23.75 | FK26X7R1E225K |
| | 2.2μF | ±10% | 5.5 | 7.0 | 4.0 | 445-2885-ND | 4.56 | 6.72 | 48.00 | FK20X7R1E225K |
| | 4.7μF | ±10% | 5.5 | 7.0 | 4.0 | 445-2886-ND | 6.89 | 10.15 | 72.50 | FK20X7R1E475K |
| | 4.7μF | ±10% | 7.5 | 8.0 | 4.0 | 445-2897-ND | 5.23 | 7.70 | 55.00 | FK22X7R1E475K |
| | 10μF | ±10% | 7.5 | 8.0 | 4.0 | 445-2898-ND | 7.13 | 10.50 | 75.00 | FK22X7R1E106K |
| | 10μF | ±20% | 7.5 | 8.0 | 4.0 | 445-2899-ND | 7.13 | 10.50 | 75.00 | FK22X7R1E106M |
| | 22μF | ±10% | 4.5 | 5.5 | 2.5 | 445-2855-ND | 1.31 | 1.93 | 13.75 | FK24X7R1H224K |
| | 47μF | ±10% | 5.5 | 6.0 | 3.5 | 445-2870-ND | 1.85 | 2.73 | 19.50 | FK26X7R1H474K |
| | 1μF | ±10% | 5.5 | 7.0 | 4.0 | 445-2884-ND | 3.68 | 5.43 | 38.75 | FK20X7R1H105K |
| | 2.2μF | ±10% | 7.5 | 8.0 | 4.0 | 445-2896-ND | 5.70 | 8.40 | 60.00 | FK22X7R1H225K |
| X5R (-55°C ~ 85°C) | | | | | | | | | | |
| 6.3V | 4.7μF | ±10% | 4.5 | 5.5 | 2.5 | 445-2862-ND | 1.71 | 2.52 | 18.00 | FK24X5R0J475K |
| | 10μF | ±10% | 4.5 | 5.5 | 2.5 | 445-2863-ND | 2.61 | 3.85 | 27.50 | FK24X5R0J106K |
| | 10μF | ±20% | 4.5 | 5.5 | 2.5 | 445-2864-ND | 2.38 | 3.50 | 25.00 | FK24X5R0J106M |
| | 10μF | ±10% | 5.5 | 6.0 | 3.5 | 445-2876-ND | 3.09 | 4.55 | 32.50 | FK26X5R0J106K |
| | 10μF | ±20% | 5.5 | 6.0 | 3.5 | 445-2877-ND | 3.09 | 4.55 | 32.50 | FK26X5R0J106M |
| | 22μF | ±20% | 5.5 | 6.0 | 3.5 | 445-2878-ND | 4.16 | 6.13 | 43.75 | FK26X5R0J226M |
| | 22μF | ±20% | 5.5 | 7.0 | 4.0 | 445-2890-ND | 5.11 | 7.53 | 53.75 | FK20X5R0J226M |
| | 100μF | ±20% | 7.5 | 8.0 | 4.0 | 445-2902-ND | 17.81 | 26.25 | 187.50 | FK22X5R0J107M |
| | 47μF | ±10% | 4.0 | 5.5 | 2.5 | 445-2862-ND | 1.14 | 1.68 | 12.00 | FK28X5R1A474K |
| | 1μF | ±10% | 4.0 | 5.5 | 2.5 | 445-2851-ND | 1.43 | 2.10 | 15.00 | FK28X5R1A105K |
| 10V | 2.2μF | ±10% | 4.5 | 5.5 | 2.5 | 445-2860-ND | 1.52 | 2.24 | 16.00 | FK24X5R1A225K |
| | 4.7μF | ±10% | 4.5 | 5.5 | 2.5 | 445-2861-ND | 2.14 | 3.15 | 22.50 | FK24X5R1A475K |
| | 10μF | ±10% | 5.5 | 6.0 | 3.5 | 445-2874-ND | 3.09 | 4.55 | 32.50 | FK26X5R1A106K |
| | 10μF | ±20% | 5.5 | 6.0 | 3.5 | 445-2875-ND | 3.09 | 4.55 | 32.50 | FK26X5R1A106M |
| | 47μF | ±20% | | | | | | | | |



高频低耗散
陶瓷电容器



| VDC | 电容 | 电容公差 | 尺寸 (mm) | | | Digi-Key 零件编号 | 价格 | | | TDK 零件编号 |
|-----------------------------------|--------|------|---------|-----|-------------|---------------|------|-------|------------------|------------------|
| | | | D | T | F | | 5 | 10 | 100 | |
| CK45-RR 系列 (-25°C ~ 125°C) | | | | | | | | | | |
| 1kV | 100pF | ±10% | 6 | 5 | 5 | 445-2713-ND | .71 | 1.05 | 7.50 | CK45-R3AD101K-NR |
| | 120pF | ±10% | 6 | 5 | 5 | 445-2714-ND | .71 | 1.05 | 7.50 | CK45-R3AD121K-NR |
| | 150pF | ±10% | 6 | 5 | 5 | 445-2715-ND | .71 | 1.05 | 7.50 | CK45-R3AD151K-NR |
| | 180pF | ±10% | 6 | 5 | 5 | 445-2716-ND | .71 | 1.05 | 7.50 | CK45-R3AD181K-NR |
| | 220pF | ±10% | 6 | 5 | 5 | 445-2717-ND | .71 | 1.05 | 7.50 | CK45-R3AD221K-NR |
| | 270pF | ±10% | 6 | 5 | 5 | 445-2718-ND | .71 | 1.05 | 7.50 | CK45-R3AD271K-NR |
| | 330pF | ±10% | 6.5 | 5 | 5 | 445-2719-ND | .71 | 1.05 | 7.50 | CK45-R3AD331K-NR |
| | 390pF | ±10% | 6.5 | 5 | 5 | 445-2720-ND | .71 | 1.05 | 7.50 | CK45-R3AD391K-NR |
| | 470pF | ±10% | 7 | 5 | 5 | 445-2721-ND | .71 | 1.05 | 7.50 | CK45-R3AD471K-NR |
| | 560pF | ±10% | 7.5 | 5 | 5 | 445-2722-ND | .71 | 1.05 | 7.50 | CK45-R3AD561K-NR |
| | 680pF | ±10% | 8 | 5 | 5 | 445-2723-ND | .71 | 1.05 | 7.50 | CK45-R3AD681K-NR |
| | 820pF | ±10% | 8.5 | 5 | 5 | 445-2724-ND | .83 | 1.23 | 8.75 | CK45-R3AD821K-NR |
| | 1000pF | ±10% | 9 | 5 | 5 | 445-2725-ND | .83 | 1.23 | 8.75 | CK45-R3AD102K-NR |
| | 1200pF | ±10% | 9.5 | 5 | 5 | 445-2726-ND | .95 | 1.40 | 10.00 | CK45-R3AD122K-NR |
| | 1500pF | ±10% | 10 | 5 | 5 | 445-2727-ND | .95 | 1.40 | 10.00 | CK45-R3AD152K-NR |
| | 1800pF | ±10% | 10.5 | 5 | 5 | 445-2728-ND | .95 | 1.40 | 10.00 | CK45-R3AD182K-NR |
| | 2200pF | ±10% | 11.5 | 5 | 7.5 | 445-2729-ND | 1.19 | 1.75 | 12.50 | CK45-R3AD222K-NR |
| | 2700pF | ±10% | 12.5 | 5 | 7.5 | 445-2730-ND | 1.19 | 1.75 | 12.50 | CK45-R3AD272K-NR |
| 3300pF | ±10% | 13.5 | 5 | 7.5 | 445-2731-ND | 1.43 | 2.10 | 15.00 | CK45-R3AD332K-NR | |
| 3900pF | ±10% | 14.5 | 5 | 7.5 | 445-2732-ND | 1.43 | 2.10 | 15.00 | CK45-R3AD392K-NR | |
| 4700pF | ±10% | 15.5 | 5 | 10 | 445-2733-ND | 1.78 | 2.63 | 18.75 | CK45-R3AD472K-NR | |
| 2kV | 120pF | ±10% | 6 | 5 | 5 | 445-2735-ND | .71 | 1.05 | 7.50 | CK45-R3DD121K-NR |
| | 150pF | ±10% | 6 | 5 | 5 | 445-2736-ND | .71 | 1.05 | 7.50 | CK45-R3DD151K-NR |
| | 180pF | ±10% | 6.5 | 5 | 5 | 445-2737-ND | .71 | 1.05 | 7.50 | CK45-R3DD181K-NR |
| | 220pF | ±10% | 7 | 5 | 5 | 445-2738-ND | .71 | 1.05 | 7.50 | CK45-R3DD221K-NR |
| | 270pF | ±10% | 7 | 5 | 5 | 445-2739-ND | .71 | 1.05 | 7.50 | CK45-R3DD271K-NR |
| | 330pF | ±10% | 7.5 | 5 | 5 | 445-2740-ND | .71 | 1.05 | 7.50 | CK45-R3DD331K-NR |
| | 390pF | ±10% | 8 | 5 | 5 | 445-2741-ND | .83 | 1.23 | 8.75 | CK45-R3DD391K-NR |
| | 470pF | ±10% | 8.5 | 5 | 5 | 445-2742-ND | .83 | 1.23 | 8.75 | CK45-R3DD471K-NR |
| | 560pF | ±10% | 9 | 5 | 5 | 445-2743-ND | 1.07 | 1.58 | 11.25 | CK45-R3DD561K-NR |
| | 680pF | ±10% | 9.5 | 5 | 5 | 445-2744-ND | 1.07 | 1.58 | 11.25 | CK45-R3DD681K-NR |
| | 820pF | ±10% | 10 | 5 | 5 | 445-2745-ND | 1.19 | 1.75 | 12.50 | CK45-R3DD821K-NR |
| | 1000pF | ±10% | 11 | 5 | 5 | 445-2746-ND | 1.19 | 1.75 | 12.50 | CK45-R3DD102K-NR |
| | 1200pF | ±10% | 11.5 | 5 | 7.5 | 445-2747-ND | 1.19 | 1.75 | 12.50 | CK45-R3DD122K-NR |
| | 1500pF | ±10% | 12 | 5 | 7.5 | 445-2748-ND | 1.43 | 2.10 | 15.00 | CK45-R3DD152K-NR |
| | 1800pF | ±10% | 13.5 | 5 | 7.5 | 445-2749-ND | 1.43 | 2.10 | 15.00 | CK45-R3DD182K-NR |
| | 2200pF | ±10% | 14.5 | 5 | 7.5 | 445-2750-ND | 2.14 | 3.15 | 22.50 | CK45-R3DD222K-NR |
| | 2700pF | ±10% | 15.5 | 5 | 10 | 445-2751-ND | 2.14 | 3.15 | 22.50 | CK45-R3DD272K-NR |
| | 3300pF | ±10% | 17 | 5 | 10 | 445-2752-ND | 2.85 | 4.20 | 30.00 | CK45-R3DD332K-NR |
| 3900pF | ±10% | 18 | 5 | 10 | 445-2753-ND | 3.09 | 4.55 | 32.50 | CK45-R3DD392K-NR | |
| 4700pF | ±10% | 19.5 | 5 | 10 | 445-2754-ND | 3.56 | 5.25 | 37.50 | CK45-R3DD472K-NR | |
| 3kV | 100pF | ±10% | 6 | 6 | 7.5 | 445-2755-ND | .71 | 1.05 | 7.50 | CK45-R3FD101K-NR |
| | 120pF | ±10% | 6.5 | 6 | 7.5 | 445-2756-ND | .71 | 1.05 | 7.50 | CK45-R3FD121K-NR |
| | 150pF | ±10% | 7 | 6 | 7.5 | 445-2757-ND | .71 | 1.05 | 7.50 | CK45-R3FD151K-NR |
| | 180pF | ±10% | 7 | 6 | 7.5 | 445-2758-ND | .71 | 1.05 | 7.50 | CK45-R3FD181K-NR |
| | 220pF | ±10% | 7.5 | 6 | 7.5 | 445-2759-ND | .83 | 1.23 | 8.75 | CK45-R3FD221K-NR |
| | 270pF | ±10% | 8 | 6 | 7.5 | 445-2760-ND | .83 | 1.23 | 8.75 | CK45-R3FD271K-NR |
| | 330pF | ±10% | 8.5 | 6 | 7.5 | 445-2761-ND | .83 | 1.23 | 8.75 | CK45-R3FD331K-NR |
| | 390pF | ±10% | 9 | 6 | 7.5 | 445-2762-ND | .83 | 1.23 | 8.75 | CK45-R3FD391K-NR |
| | 470pF | ±10% | 9.5 | 6 | 7.5 | 445-2763-ND | 1.19 | 1.75 | 12.50 | CK45-R3FD471K-NR |
| | 560pF | ±10% | 10 | 6 | 7.5 | 445-2764-ND | 1.19 | 1.75 | 12.50 | CK45-R3FD561K-NR |
| | 680pF | ±10% | 10.5 | 6 | 7.5 | 445-2765-ND | 1.19 | 1.75 | 12.50 | CK45-R3FD681K-NR |
| | 820pF | ±10% | 11.5 | 6 | 7.5 | 445-2766-ND | 1.43 | 2.10 | 15.00 | CK45-R3FD821K-NR |
| | 1000pF | ±10% | 12 | 6 | 7.5 | 445-2767-ND | 1.90 | 2.80 | 20.00 | CK45-R3FD102K-NR |
| | 1200pF | ±10% | 13 | 6 | 7.5 | 445-2768-ND | 2.38 | 3.50 | 25.00 | CK45-R3FD122K-NR |
| | 1500pF | ±10% | 14.5 | 6 | 7.5 | 445-2769-ND | 2.38 | 3.50 | 25.00 | CK45-R3FD152K-NR |
| | 1800pF | ±10% | 15.5 | 6 | 10 | 445-2770-ND | 2.38 | 3.50 | 25.00 | CK45-R3FD182K-NR |
| | 2200pF | ±10% | 16.5 | 6 | 10 | 445-2771-ND | 2.97 | 4.38 | 31.25 | CK45-R3FD222K-NR |
| | 2700pF | ±10% | 18 | 6 | 10 | 445-2772-ND | 2.97 | 4.38 | 31.25 | CK45-R3FD272K-NR |

| VDC | 电容 | 电容公差 | 尺寸 (mm) | | | Digi-Key 零件编号 | 价格 | | | TDK 零件编号 |
|-------------------------------|-------|------|---------|-----|-------------|---------------|------|-------|------------------|------------------|
| | | | D | T | F | | 5 | 10 | 100 | |
| CC45 系列 (-20°C ~ 85°C) | | | | | | | | | | |
| 1kV | 10pF | ±5% | 5.5 | 5 | 5 | 445-2773-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD100JYNN |
| | 12pF | ±5% | 5.5 | 5 | 5 | 445-2774-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD120JYNN |
| | 15pF | ±5% | 5.5 | 5 | 5 | 445-2775-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD150JYNN |
| | 18pF | ±5% | 5.5 | 5 | 5 | 445-2776-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD180JYNN |
| | 22pF | ±5% | 5.5 | 5 | 5 | 445-2777-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD220JYNN |
| | 27pF | ±5% | 5.5 | 5 | 5 | 445-2778-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD270JYNN |
| | 33pF | ±5% | 5.5 | 5 | 5 | 445-2779-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD330JYNN |
| | 39pF | ±5% | 5.5 | 5 | 5 | 445-2780-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD390JYNN |
| | 47pF | ±5% | 5.5 | 5 | 5 | 445-2781-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD470JYNN |
| | 56pF | ±5% | 5.5 | 5 | 5 | 445-2782-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD560JYNN |
| | 68pF | ±5% | 5.5 | 5 | 5 | 445-2783-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD680JYNN |
| | 82pF | ±5% | 6 | 5 | 5 | 445-2784-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD820JYNN |
| | 100pF | ±5% | 6.5 | 5 | 5 | 445-2785-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD101JYNN |
| | 120pF | ±5% | 7 | 5 | 5 | 445-2786-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD121JYNN |
| | 150pF | ±5% | 7.5 | 5 | 5 | 445-2787-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD151JYNN |
| | 180pF | ±5% | 8 | 5 | 5 | 445-2788-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD181JYNN |
| | 220pF | ±5% | 8.5 | 5 | 5 | 445-2789-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD221JYNN |
| | 270pF | ±5% | 9 | 5 | 5 | 445-2790-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD271JYNN |
| 330pF | ±5% | 10 | 5 | 5 | 445-2791-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD331JYNN | |
| 390pF | ±5% | 10.5 | 5 | 5 | 445-2792-ND | 1.19 | 1.75 | 12.50 | CC45SL3AD391JYNN | |
| 470pF | ±5% | 11.5 | 5 | 7.5 | 445-2793-ND | 1.66 | 2.45 | 17.50 | CC45SL3AD471JYNN | |
| 560pF | ±5% | 12.5 | 5 | 7.5 | 445-2794-ND | 1.66 | 2.45 | 17.50 | CC45SL3AD561JYNN | |
| 680pF | ±5% | 13.5 | 5 | 7.5 | 445-2795-ND | 1.66 | 2.45 | 17.50 | CC45SL3AD681JYNN | |
| 820pF | ±5% | 14.5 | 5 | 7.5 | 445-2796-ND | 1.66 | 2.45 | 17.50 | CC45SL3AD821JYNN | |
| 1000pF | ±5% | 16 | 5 | 10 | 445-2797-ND | 3.09 | 4.55 | 32.50 | CC45SL3AD102JYNN | |
| 2kV | 10pF | ±5% | 5.5 | 5 | 5 | 445-2798-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD100JYNN |
| | 12pF | ±5% | 5.5 | 5 | 5 | 445-2799-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD120JYNN |
| | 15pF | ±5% | 5.5 | 5 | 5 | 445-2800-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD150JYNN |
| | 18pF | ±5% | 5.5 | 5 | 5 | 445-2801-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD180JYNN |
| | 22pF | ±5% | 5.5 | 5 | 5 | 445-2802-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD220JYNN |
| | 27pF | ±5% | 5.5 | 5 | 5 | 445-2803-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD270JYNN |
| | 33pF | ±5% | 5.5 | 5 | 5 | 445-2804-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD330JYNN |
| | 39pF | ±5% | 5.5 | 5 | 5 | 445-2805-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD390JYNN |
| | 47pF | ±5% | 5.5 | 5 | 5 | 445-2806-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD470JYNN |
| | 56pF | ±5% | 6 | 5 | 5 | 445-2807-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD560JYNN |
| | 68pF | ±5% | 6.5 | 5 | 5 | 445-2808-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD680JYNN |
| | 82pF | ±5% | 7 | 5 | 5 | 445-2809-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD820JYNN |
| | 100pF | ±5% | 7.5 | 5 | 5 | 445-2810-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD101JYNN |
| | 120pF | ±5% | 8 | 5 | 5 | 445-2811-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD121JYNN |
| | 150pF | ±5% | 8.5 | 5 | 5 | 445-2812-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD151JYNN |
| | 180pF | ±5% | 9 | 5 | 5 | 445-2813-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD181JYNN |
| | 220pF | ±5% | 10 | 5 | 5 | 445-2814-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD221JYNN |
| | 270pF | ±5% | 11 | 5 | 5 | 445-2815-ND | 1.43 | 2.10 | 15.00 | CC45SL3DD271JYNN |
| 330pF | ±5% | 11.5 | 5 | 7.5 | 445-2816- | | | | | |