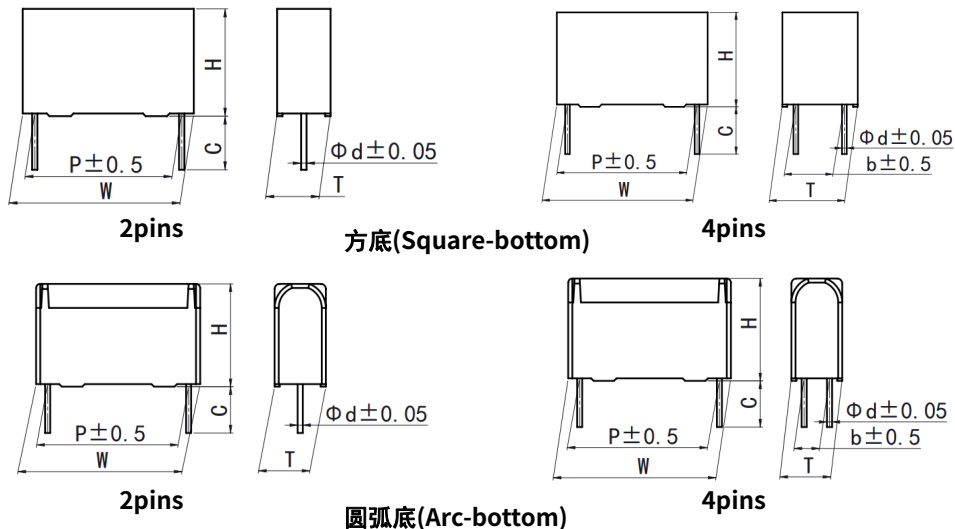




PCB 用 DC-Link 电容器

DC-Link Capacitor for PCB

外形图 Outline Drawing



特点

- 金属化聚丙烯膜结构
- 良好的电气性能
- 塑料外壳封装 (UL94 V-0), 树脂填充
- 高性能直流滤波应用场合
(如: 变频器、工业和高端电源、太阳能逆变器等)

Features

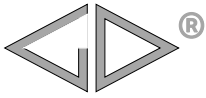
- Metallized polypropylene film structure
- Excellent electric property
- Plastic case (UL94 V-0), filled with resin
- High performance DC filtering applications(i.e. transducers, industrial and high-end power supplies and solar inverters)

安全认证 Safety Approvals

| | | | |
|---|--|--------------------|--|
| ● | | TUV Rheinland (德国) | EN 61071: 2007, EN 61881-1: 2011, 450Vdc~3 200Vdc, 0.56μF~220μF, -40°C/85°C 证书号 (Certificate No.): R 50266108 |
| ● | | UL (美国) | UL 810 (construction only), Max. 5 000Vdc, 90°C 证书号 (File No.): E256238, CCN: CZDS2 |

技术要求 Specifications

| | |
|---|---|
| 引用标准 Reference Standard | GB/T 17702 (IEC 61071) |
| 气候类别 Climatic Category | 40/85/56 |
| 工作温度范围(外壳) Operating Temperature Range(case) | -40°C~105°C (+85°C to +105°C: decreasing factor 1.35% per °C for U _{N,85°C}) |
| 额定电压(U _{N,85°C}) Rated Voltage (U _{N,85°C}) | 500Vdc, 600Vdc, 800Vdc, 900Vdc, 1 000Vdc, 1 100Vdc, 1 200Vdc |
| 电容量偏差 Capacitance Tolerance | ±5% (J), ±10% (K) |
| 耐电压 Voltage Proof | 1.5U _N (10s) |
| 绝缘电阻 Insulation Resistance (IR×C _N) | ≥10 000s (20°C, 100Vdc, 1min) |
| 自感(L _s) Self Inductance(L _s) | <1nH per mm of lead spacing |
| 最大峰值电流 Ĩ (A) Maximum peak current Ĩ (A) | Ĩ = C · dV/dt |
| 预期寿命 Expected lifetime | 100 000h @ U _N , θ _{hs} = 70°C |



C3D

■ 产品编码说明 Part number system

■ 15 位产品代码如下:

The 15 digits part number is formed as follow:

| | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| C | 3 | D | | | | | | | | | | | | |

| | | | |
|-----------|--|----------------|--|
| 第 1~3 位 | 型号代码 | Digit 1 to 3 | Series code |
| | C3D | | C3D |
| 第 4~5 位 | 直流额定电压 | Digit 4 to 5 | D.C. rated voltage |
| | 2H=500V 1U=600V 2K=800V 1X=900V 3A=1 000V 1M=1 100V 3L=1 200V | | 2H=500V 1U=600V 2K=800V 1X=900V 3A=1 000V 1M=1 100V 3L=1 200V |
| 第 6~8 位 | 标称容量 | Digit 6 to 8 | Rated capacitance value |
| | 举例: 105=10×10 ⁵ pF=1.0μF | | for example: 105=10×10 ⁵ pF=1.0μF |
| 第 9 位 | 容量偏差 | Digit 9 | Capacitance tolerance |
| | J=±5%, K=±10% | | J=±5%, K=±10% |
| 第 10 位 | 引线脚距 P | Digit 10 | Pitch |
| | B=27.5mm C=30.0mm F=37.5mm M=52.5mm | | B=27.5mm C=30.0mm F=37.5mm M=52.5mm |
| 第 11 位 | 内部特征码 | Digit 11 | Internal use |
| 第 12~15 位 | 引线加工和包装代码 | Digit 12 to 15 | Lead form and packaging code |

■ Table 1 引线加工和包装代码 lead form and packaging code

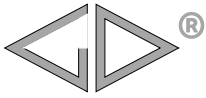
| 第 12 位 Digit 12 | | 第 13 位和第 14 位 Digit 13 and Digit 14 | | 第 15 位 Digit 15 | |
|-----------------|----------------------------|-------------------------------------|--|-----------------|---|
| 代码 Code | 说明 explanation | 代码 Code | 说明 explanation | 代码 Code | 说明 explanation |
| 0 | 2 引线 Two pins | C0 | 标准引线长度 5.5mm Standard lead length 5.5mm | 0 | 引线长度偏差±1.0mm Length tolerance ±1.0mm |
| 1 | 4 引线 Four pins b=10.0mm | 38 | 引线长度 3.8mm Lead length 3.8mm | 2 | 引线长度偏差±0.5mm Length tolerance ±0.5mm |
| 2 | 4 引线 Four pins b=12.7mm | | | | |
| 3 | 4 引线 Four pins b=20.0mm | | | | |
| 4 | 4 引线 Four pins b=15.0mm | | | | |
| A | 4 引线 Four pins b=20.3mm | | | | |
| B | 4 引线 Four pins b=10.2mm | | | | |
| C | 4 引线 Four pins b=5.1mm | | | | |
| D | 4 引线 Four pins b=15.2mm | | | | |



■ 技术参数 Technical data(mm)

| U _{N,85°C} : 500Vdc | | | | | | | | | | | | |
|------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------------|--------------------------|-------|-----------------------|-------------------------|-----------------|
| C _N (μF) | W ±1.0 | H ±1.0 | T ±1.0 | P ±0.5 | b ±0.5 | d ±0.05 | dV/dt (V/μs) | tanδ×(10 ⁻⁴) | | ESR @10kHz (mΩ) | I _{max} (A) | Part number |
| | | | | | | | | 1kHz | 10kHz | | | |
| 5.0 | 32.0 | 20.0 | 11.0 | 27.5 | - | 0.8 | 65 | 10 | 100 | 21.9 | 5.0 | C3D2H505+B00*** |
| 10.0 | 32.0 | 24.5 | 15.0 | 27.5 | - | 0.8 | 65 | 10 | 100 | 11.5 | 6.5 | C3D2H106+B00*** |
| 22.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 65 | 10 | 100 | 5.9 | 10.0 | C3D2H226+B00*** |
| 30.0 | 42.0 | 40.0 | 20.0 | 37.5 | 10.2 | 1.0 | 30 | 15 | 150 | 8.0 | 12.5 | C3D2H306+F0B*** |
| 35.0 | 42.0 | 36.0 | 24.0 | 37.5 | 10.2 | 1.0 | 30 | 15 | 150 | 8.0 | 13.5 | C3D2H356+F0B*** |
| 40.0 | 41.5 | 37.5 | 27.5 | 37.5 | 10.2 | 1.0 | 30 | 15 | 150 | 5.0 | 14.5 | C3D2H406+F0B*** |
| 50.0 | 41.0 | 43.0 | 28.0 | 37.5 | 12.7 | 1.2 | 30 | 15 | 150 | 4.0 | 16.0 | C3D2H506+F02*** |
| 50.0 | 42.0 | 45.0 | 30.0 | 37.5 | 20.3 | 1.2 | 30 | 15 | 150 | 4.0 | 16.0 | C3D2H506+F0A*** |
| 60.0 | 42.0 | 45.0 | 30.0 | 37.5 | 20.3 | 1.2 | 30 | 15 | 150 | 3.8 | 16.5 | C3D2H606+F0A*** |
| 75.0 | 57.0 | 43.5 | 29.5 | 52.5 | 12.7 | 1.2 | 15 | 35 | 350 | 5.5 | 16.0 | C3D2H756+M02*** |
| 75.0 | 57.0 | 43.5 | 29.5 | 52.5 | 20.3 | 1.2 | 15 | 35 | 350 | 5.5 | 16.0 | C3D2H756+M0A*** |
| 80.0 | 57.0 | 43.5 | 29.5 | 52.5 | 20.3 | 1.2 | 15 | 35 | 350 | 5.0 | 16.5 | C3D2H806+M0A*** |
| 100.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 35 | 350 | 4.0 | 18.0 | C3D2H107+M0A*** |
| 110.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 35 | 350 | 4.0 | 19.0 | C3D2H117+M0A*** |

| U _{N,85°C} : 600Vdc | | | | | | | | | | | | |
|------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------------|--------------------------|-------|-----------------------|-------------------------|-----------------|
| C _N (μF) | W ±1.0 | H ±1.0 | T ±1.0 | P ±0.5 | b ±0.5 | d ±0.05 | dV/dt (V/μs) | tanδ×(10 ⁻⁴) | | ESR @10kHz (mΩ) | I _{max} (A) | Part number |
| | | | | | | | | 1kHz | 10kHz | | | |
| 2.0 | 32.0 | 18.0 | 9.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 47.8 | 2.8 | C3D1U205+B00*** |
| 3.0 | 32.0 | 20.0 | 11.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 31.8 | 4.1 | C3D1U305+B00*** |
| 4.0 | 32.0 | 20.0 | 11.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 23.9 | 5.5 | C3D1U405+B00*** |
| 5.0 | 32.0 | 22.0 | 13.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 19.1 | 6.9 | C3D1U505+B00*** |
| 6.0 | 32.0 | 24.5 | 15.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 18.6 | 7.1 | C3D1U605+B00*** |
| 7.0 | 32.0 | 24.5 | 15.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 15.9 | 8.3 | C3D1U705+B00*** |
| 8.0 | 32.0 | 28.0 | 14.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 13.9 | 9.5 | C3D1U805+B00*** |
| 9.0 | 32.0 | 30.0 | 16.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 12.4 | 10.7 | C3D1U905+B00*** |
| 10.0 | 32.0 | 30.0 | 16.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 11.1 | 11.0 | C3D1U106+B00*** |
| 12.0 | 32.0 | 33.0 | 18.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 10.8 | 12.0 | C3D1U126+B00*** |
| ★12.0 | 32.0 | 33.0 | 18.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 10.8 | 12.0 | C3D1U126+BY0*** |
| 15.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 9.0 | 12.0 | C3D1U156+B00*** |
| 15.0 | 32.0 | 37.0 | 22.0 | 27.5 | 10.2 | 0.8 | 65 | 11 | 100 | 7.4 | 16.5 | C3D1U156+B0B*** |
| 18.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 65 | 11 | 100 | 8.0 | 12.0 | C3D1U186+B00*** |
| 18.0 | 32.0 | 37.0 | 22.0 | 27.5 | 12.7 | 0.8 | 65 | 11 | 100 | 6.2 | 17.0 | C3D1U186+B02*** |
| 10.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 30 | 20 | 175 | 19.5 | 6.2 | C3D1U106+F00*** |
| 12.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 30 | 20 | 175 | 16.3 | 7.4 | C3D1U126+F00*** |
| ★15.0 | 41.0 | 33.5 | 18.5 | 37.5 | - | 1.0 | 30 | 20 | 175 | 13.0 | 9.2 | C3D1U156+FY0*** |
| 20.0 | 42.0 | 40.0 | 20.0 | 37.5 | 10.2 | 1.0 | 30 | 20 | 175 | 9.8 | 12.3 | C3D1U206+F0B*** |
| 22.0 | 42.0 | 40.0 | 20.0 | 37.5 | 10.2 | 1.0 | 30 | 20 | 175 | 8.9 | 13.5 | C3D1U226+F0B*** |
| 25.0 | 42.0 | 40.0 | 20.0 | 37.5 | 10.2 | 1.0 | 30 | 20 | 175 | 7.8 | 15.4 | C3D1U256+F0B*** |
| 30.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 30 | 20 | 175 | 6.5 | 18.5 | C3D1U306+F02*** |
| ★35.0 | 42.0 | 45.0 | 30.0 | 37.5 | 12.7 | 1.2 | 30 | 20 | 175 | 6.0 | 20.1 | C3D1U356+FY2*** |
| 35.0 | 42.0 | 45.0 | 30.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 6.0 | 20.1 | C3D1U356+F0A*** |
| 40.0 | 42.0 | 45.0 | 30.0 | 37.5 | 12.7 | 1.2 | 30 | 20 | 175 | 5.2 | 23.0 | C3D1U406+F02*** |
| 40.0 | 42.0 | 45.0 | 30.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 5.2 | 23.0 | C3D1U406+F0A*** |

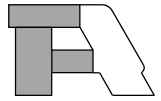


C3D

■ 技术参数 Technical data(mm)

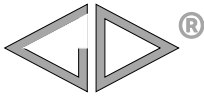
| U _{N, 85°C} : 600Vdc | | | | | | | | | | | | |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------------|--------------------------|-------|-----------------------|-------------------------|-----------------|
| C _N (μF) | W ±1.0 | H ±1.0 | T ±1.0 | P ±0.5 | b ±0.5 | d ±0.05 | dV/dt (V/μs) | tanδ×(10 ⁻⁴) | | ESR @10kHz (mΩ) | I _{max} (A) | Part number |
| | | | | | | | | 1kHz | 10kHz | | | |
| ★ 45.0 | 42.0 | 50.0 | 35.0 | 37.5 | 12.7 | 1.2 | 30 | 20 | 175 | 4.6 | 25.8 | C3D1U456+F02*** |
| ★ 45.0 | 42.0 | 50.0 | 35.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 4.6 | 25.8 | C3D1U456+FYA*** |
| ★ 50.0 | 42.0 | 50.0 | 35.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 4.2 | 28.7 | C3D1U506+F0A*** |
| ★ 50.0 | 42.0 | 46.0 | 35.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 4.2 | 28.7 | C3D1U506+FAA*** |
| 55.0 | 42.0 | 50.0 | 35.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 3.8 | 31.6 | C3D1U556+F0A*** |
| 60.0 | 42.0 | 55.0 | 40.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 3.5 | 34.5 | C3D1U606+F0A*** |
| ★ 65.0 | 42.0 | 55.0 | 40.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 3.2 | 35.0 | C3D1U656+FYA*** |
| 70.0 | 42.0 | 55.0 | 40.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 3.0 | 35.0 | C3D1U706+F0A*** |
| ★ 75.0 | 42.0 | 60.0 | 45.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 2.8 | 35.0 | C3D1U756+FYA*** |
| ★ 80.0 | 42.0 | 60.0 | 45.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 2.6 | 35.0 | C3D1U806+F0A*** |
| ★ 85.0 | 42.0 | 60.0 | 45.0 | 37.5 | 20.3 | 1.2 | 30 | 20 | 175 | 2.5 | 35.0 | C3D1U856+F0A*** |
| ★ 40.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 15 | 36 | 350 | 9.8 | 12.3 | C3D1U406+MY2*** |
| ★ 45.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 15 | 36 | 350 | 8.7 | 13.8 | C3D1U456+MY2*** |
| ★ 50.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 15 | 36 | 350 | 7.8 | 15.4 | C3D1U506+MY2*** |
| ★ 55.0 | 57.0 | 43.5 | 29.5 | 52.5 | 12.7 | 1.2 | 15 | 36 | 350 | 7.1 | 16.9 | C3D1U556+MY2*** |
| ★ 55.0 | 57.0 | 43.5 | 29.5 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 7.1 | 16.9 | C3D1U556+MYA*** |
| 60.0 | 57.0 | 43.5 | 29.5 | 52.5 | 12.7 | 1.2 | 15 | 36 | 350 | 6.5 | 18.5 | C3D1U606+M02*** |
| 60.0 | 57.0 | 43.5 | 29.5 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 6.5 | 18.5 | C3D1U606+M0A*** |
| ★ 65.0 | 57.0 | 50.0 | 35.0 | 52.5 | 12.7 | 1.2 | 15 | 36 | 350 | 6.0 | 20.0 | C3D1U656+MY2*** |
| ★ 65.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 6.0 | 20.0 | C3D1U656+MYA*** |
| ★ 70.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 5.6 | 21.5 | C3D1U706+MYA*** |
| 75.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 5.2 | 23.1 | C3D1U756+M0A*** |
| 80.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 4.9 | 24.6 | C3D1U806+M0A*** |
| ★ 85.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 4.8 | 25.1 | C3D1U856+MYA*** |
| ★ 90.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 4.6 | 25.8 | C3D1U906+MYA*** |
| ★ 95.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 4.4 | 27.3 | C3D1U956+MYA*** |
| 100.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 4.2 | 28.7 | C3D1U107+M0A*** |
| 110.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 3.8 | 31.6 | C3D1U117+M0A*** |
| 120.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 3.5 | 34.5 | C3D1U127+M0A*** |
| ★ 130.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 3.2 | 35.0 | C3D1U137+MYA*** |
| 140.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 36 | 350 | 3.0 | 35.0 | C3D1U147+M0A*** |

| U _{N, 85°C} : 800Vdc | | | | | | | | | | | | |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------------|--------------------------|-------|-----------------------|-------------------------|-----------------|
| C _N (μF) | W ±1.0 | H ±1.0 | T ±1.0 | P ±0.5 | b ±0.5 | d ±0.05 | dV/dt (V/μs) | tanδ×(10 ⁻⁴) | | ESR @10kHz (mΩ) | I _{max} (A) | Part number |
| | | | | | | | | 1kHz | 10kHz | | | |
| 2.0 | 32.0 | 18.0 | 9.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 45.4 | 2.9 | C3D2K205+B00*** |
| 3.0 | 32.0 | 20.0 | 11.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 30.3 | 4.4 | C3D2K305+B00*** |
| 3.3 | 32.0 | 30.0 | 16.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 18.8 | 7.0 | C3D2K335+B00*** |
| 4.0 | 32.0 | 25.0 | 13.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 22.7 | 5.8 | C3D2K405+B00*** |
| 5.0 | 32.0 | 24.5 | 15.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 18.2 | 7.3 | C3D2K505+B00*** |
| ★ 6.0 | 32.0 | 30.0 | 16.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 15.1 | 8.7 | C3D2K605+BY0*** |
| 7.0 | 32.0 | 30.0 | 16.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 13.0 | 10.2 | C3D2K705+B00*** |
| 8.0 | 32.0 | 33.0 | 18.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 12.5 | 10.5 | C3D2K805+B00*** |
| 9.0 | 32.0 | 33.0 | 18.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 11.1 | 11.8 | C3D2K905+B00*** |
| 10.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 11.0 | 12.0 | C3D2K106+B00*** |
| ★ 10.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 1.0 | 65 | 10 | 95 | 11.0 | 13.0 | C3D2K106+B10*** |



■ 技术参数 Technical data(mm)

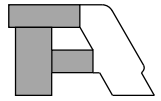
| U _{N, 85°C} : 800Vdc | | | | | | | | | | | | |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------------|--------------------------|-------|-----------------------|-------------------------|-----------------|
| C _N (μF) | W ±1.0 | H ±1.0 | T ±1.0 | P ±0.5 | b ±0.5 | d ±0.05 | dV/dt (V/μs) | tanδ×(10 ⁻⁴) | | ESR @10kHz (mΩ) | I _{max} (A) | Part number |
| | | | | | | | | 1kHz | 10kHz | | | |
| 10.0 | 32.0 | 37.0 | 22.0 | 27.5 | 10.2 | 0.8 | 65 | 10 | 95 | 9.1 | 14.5 | C3D2K106+B0B*** |
| ★ 11.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 10.0 | 12.0 | C3D2K116+B0*** |
| ★ 11.0 | 32.0 | 37.0 | 22.0 | 27.5 | 10.2 | 0.8 | 65 | 10 | 95 | 8.3 | 16.0 | C3D2K116+BVB*** |
| 12.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 9.3 | 12.0 | C3D2K126+B00*** |
| 12.0 | 32.0 | 37.0 | 22.0 | 27.5 | 10.2 | 0.8 | 65 | 10 | 95 | 7.6 | 16.0 | C3D2K126+B0B*** |
| 13.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 8.8 | 12.0 | C3D2K136+B00*** |
| 13.0 | 32.0 | 37.0 | 22.0 | 27.5 | 12.7 | 0.8 | 65 | 10 | 95 | 8.1 | 16.2 | C3D2K136+B02*** |
| 14.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 65 | 10 | 95 | 8.2 | 12.0 | C3D2K146+B00*** |
| 14.0 | 32.0 | 37.0 | 22.0 | 27.5 | 12.7 | 0.8 | 65 | 10 | 95 | 7.6 | 16.5 | C3D2K146+B02*** |
| ★ 22.0 | 32.0 | 55.0 | 22.0 | 27.5 | - | 1.0 | 65 | 10 | 95 | 7.5 | 15.0 | C3D2K226+B10*** |
| ★ 8.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 30 | 18 | 160 | 22.3 | 5.4 | C3D2K805+FY0*** |
| 9.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 30 | 18 | 160 | 19.8 | 6.1 | C3D2K905+F00*** |
| 10.0 | 41.0 | 33.5 | 18.5 | 37.5 | - | 1.0 | 30 | 18 | 160 | 17.8 | 6.7 | C3D2K106+F00*** |
| 12.0 | 41.0 | 33.5 | 18.5 | 37.5 | - | 1.0 | 30 | 18 | 160 | 14.9 | 8.1 | C3D2K126+F00*** |
| 14.0 | 41.0 | 33.5 | 18.5 | 37.5 | - | 1.0 | 30 | 18 | 160 | 13.8 | 9.4 | C3D2K146+F00*** |
| 15.0 | 42.0 | 40.0 | 20.0 | 37.5 | 10.2 | 1.0 | 30 | 18 | 160 | 11.9 | 10.1 | C3D2K156+F0B*** |
| 20.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 30 | 18 | 160 | 8.9 | 13.5 | C3D2K206+F02*** |
| 25.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 30 | 18 | 160 | 7.1 | 16.8 | C3D2K256+F02*** |
| 30.0 | 42.0 | 45.0 | 30.0 | 37.5 | 12.7 | 1.2 | 30 | 18 | 160 | 5.9 | 20.2 | C3D2K306+F02*** |
| 30.0 | 42.0 | 45.0 | 30.0 | 37.5 | 20.3 | 1.2 | 30 | 18 | 160 | 5.9 | 20.2 | C3D2K306+F0A*** |
| ★ 35.0 | 42.0 | 50.0 | 35.0 | 37.5 | 20.3 | 1.2 | 30 | 18 | 160 | 5.5 | 22.0 | C3D2K356+F0A*** |
| 40.0 | 42.0 | 50.0 | 35.0 | 37.5 | 20.3 | 1.2 | 30 | 18 | 160 | 4.8 | 25.1 | C3D2K406+F0A*** |
| ★ 45.0 | 42.0 | 55.0 | 40.0 | 37.5 | 20.3 | 1.2 | 30 | 18 | 160 | 4.2 | 28.3 | C3D2K456+FYA*** |
| 50.0 | 42.0 | 55.0 | 40.0 | 37.5 | 20.3 | 1.2 | 30 | 18 | 160 | 3.8 | 31.4 | C3D2K506+F0A*** |
| ★ 55.0 | 42.0 | 60.0 | 45.0 | 37.5 | 20.3 | 1.2 | 30 | 18 | 160 | 3.5 | 34.5 | C3D2K556+FYA*** |
| ★ 60.0 | 42.0 | 60.0 | 45.0 | 37.5 | 20.3 | 1.2 | 30 | 18 | 160 | 3.2 | 35.0 | C3D2K606+F0A*** |
| ★ 65.0 | 42.0 | 60.0 | 45.0 | 37.5 | 20.3 | 1.2 | 30 | 18 | 160 | 2.9 | 35.0 | C3D2K656+F0A*** |
| ★ 25.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 15 | 33 | 320 | 14.3 | 8.4 | C3D2K256+MY2*** |
| ★ 30.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 15 | 33 | 320 | 11.9 | 10.1 | C3D2K306+MY2*** |
| ★ 35.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 15 | 33 | 320 | 10.2 | 11.8 | C3D2K356+M02*** |
| 40.0 | 57.0 | 43.5 | 29.5 | 52.5 | 12.7 | 1.2 | 15 | 33 | 320 | 8.9 | 13.5 | C3D2K406+M02*** |
| 40.0 | 57.0 | 43.5 | 29.5 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 8.9 | 13.5 | C3D2K406+M0A*** |
| 45.0 | 57.0 | 43.5 | 29.5 | 52.5 | 12.7 | 1.2 | 15 | 33 | 320 | 7.9 | 15.1 | C3D2K456+M02*** |
| 45.0 | 57.0 | 43.5 | 29.5 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 7.9 | 15.1 | C3D2K456+M0A*** |
| 50.0 | 57.0 | 50.0 | 35.0 | 52.5 | 12.7 | 1.2 | 15 | 33 | 320 | 7.1 | 16.8 | C3D2K506+M02*** |
| 50.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 7.1 | 16.8 | C3D2K506+M0A*** |
| 50.0 | 57.0 | 45.0 | 30.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 7.1 | 16.8 | C3D2K506+M1A*** |
| 55.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 6.5 | 18.5 | C3D2K556+M0A*** |
| 60.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 5.9 | 20.2 | C3D2K606+M0A*** |
| ★ 65.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 5.5 | 21.9 | C3D2K656+MYA*** |
| 70.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 5.1 | 23.6 | C3D2K706+M0A*** |
| ★ 75.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 4.8 | 25.2 | C3D2K756+MYA*** |
| 80.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 4.6 | 25.9 | C3D2K806+M0A*** |
| ★ 85.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 4.5 | 26.7 | C3D2K856+MYA*** |
| 90.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 4.2 | 28.3 | C3D2K906+M0A*** |
| 95.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 4.0 | 29.8 | C3D2K956+M0A*** |
| 100.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 3.8 | 31.4 | C3D2K107+M0A*** |
| 110.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 33 | 320 | 3.5 | 34.5 | C3D2K117+M0A*** |



C3D

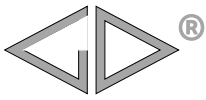
■ 技术参数 Technical data(mm)

| U _{N, 85°C} : 900Vdc | | | | | | | | | | | | |
|-------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------------|--------------------------|-------|-----------------------|-------------------------|-----------------|
| C _N (μF) | W ±1.0 | H ±1.0 | T ±1.0 | P ±0.5 | b ±0.5 | d ±0.05 | dV/dt (V/μs) | tanδ×(10 ⁻⁴) | | ESR @10kHz (mΩ) | I _{max} (A) | Part number |
| | | | | | | | | 1kHz | 10kHz | | | |
| 1.0 | 32.0 | 18.0 | 9.0 | 27.5 | - | 0.8 | 70 | 9 | 90 | 86.0 | 1.5 | C3D1X105+B00*** |
| 2.0 | 32.0 | 20.0 | 11.0 | 27.5 | - | 0.8 | 70 | 9 | 90 | 43.0 | 3.1 | C3D1X205+B00*** |
| 3.0 | 32.0 | 22.0 | 13.0 | 27.5 | - | 0.8 | 70 | 9 | 90 | 28.7 | 4.6 | C3D1X305+B00*** |
| 4.0 | 32.0 | 24.5 | 15.0 | 27.5 | - | 0.8 | 70 | 9 | 90 | 21.5 | 6.1 | C3D1X405+B00*** |
| 5.0 | 32.0 | 30.0 | 16.0 | 27.5 | - | 0.8 | 70 | 9 | 90 | 17.2 | 7.7 | C3D1X505+B00*** |
| ★ 6.0 | 32.0 | 33.0 | 18.0 | 27.5 | - | 0.8 | 70 | 9 | 90 | 18.0 | 6.9 | C3D1X605+BY0*** |
| 7.0 | 32.0 | 33.0 | 18.0 | 27.5 | - | 0.8 | 70 | 9 | 90 | 13.0 | 10.2 | C3D1X705+B00*** |
| 8.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 70 | 9 | 90 | 11.5 | 11.4 | C3D1X805+B00*** |
| 8.0 | 32.0 | 37.0 | 22.0 | 27.5 | 10.2 | 0.8 | 70 | 9 | 90 | 10.7 | 12.3 | C3D1X805+B0B*** |
| 9.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 70 | 9 | 90 | 10.4 | 12.0 | C3D1X905+B00*** |
| 9.0 | 32.0 | 37.0 | 22.0 | 27.5 | 12.7 | 0.8 | 70 | 9 | 90 | 9.6 | 13.8 | C3D1X905+B02*** |
| 10.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 70 | 9 | 90 | 12.0 | 12.2 | C3D1X106+B00*** |
| 10.0 | 32.0 | 37.0 | 22.0 | 27.5 | 12.7 | 0.8 | 70 | 9 | 90 | 8.6 | 15.4 | C3D1X106+B02*** |
| 4.7 | 41.0 | 26.0 | 15.0 | 37.5 | - | 1.0 | 35 | 17 | 150 | 35.6 | 3.4 | C3D1X475+F00*** |
| 5.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 35 | 17 | 150 | 33.4 | 3.6 | C3D1X505+F00*** |
| ★ 6.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 35 | 17 | 150 | 27.9 | 4.3 | C3D1X605+FY0*** |
| 7.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 35 | 17 | 150 | 23.9 | 5.0 | C3D1X705+F00*** |
| 8.0 | 41.0 | 33.5 | 18.5 | 37.5 | - | 1.0 | 35 | 17 | 150 | 20.9 | 5.7 | C3D1X805+F00*** |
| 10.0 | 42.0 | 40.0 | 20.0 | 37.5 | 10.2 | 1.0 | 35 | 17 | 150 | 16.7 | 7.2 | C3D1X106+F0B*** |
| 12.0 | 41.0 | 37.0 | 22.0 | 37.5 | 10.2 | 1.0 | 35 | 17 | 150 | 13.9 | 8.6 | C3D1X126+F0B*** |
| 15.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 35 | 17 | 150 | 11.1 | 10.8 | C3D1X156+F02*** |
| ★ 18.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 35 | 17 | 150 | 9.3 | 12.9 | C3D1X186+FY2*** |
| 20.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 35 | 17 | 150 | 8.4 | 14.4 | C3D1X206+F02*** |
| 25.0 | 42.0 | 45.0 | 30.0 | 37.5 | 12.7 | 1.2 | 35 | 17 | 150 | 6.7 | 17.9 | C3D1X256+F02*** |
| 25.0 | 42.0 | 45.0 | 30.0 | 37.5 | 20.3 | 1.2 | 35 | 17 | 150 | 6.7 | 17.9 | C3D1X256+F0A*** |
| 30.0 | 42.0 | 50.0 | 35.0 | 37.5 | 20.3 | 1.2 | 35 | 17 | 150 | 5.6 | 21.5 | C3D1X306+F0A*** |
| ★ 35.0 | 42.0 | 55.0 | 40.0 | 37.5 | 20.3 | 1.2 | 35 | 17 | 150 | 5.1 | 23.4 | C3D1X356+FYA*** |
| 40.0 | 42.0 | 55.0 | 40.0 | 37.5 | 20.3 | 1.2 | 35 | 17 | 150 | 4.5 | 26.8 | C3D1X406+F0A*** |
| ★ 45.0 | 42.0 | 60.0 | 45.0 | 37.5 | 20.3 | 1.2 | 35 | 17 | 150 | 4.0 | 30.1 | C3D1X456+FYA*** |
| ★ 50.0 | 42.0 | 60.0 | 45.0 | 37.5 | 20.3 | 1.2 | 35 | 17 | 150 | 3.6 | 33.5 | C3D1X506+F0A*** |
| ★ 15.0 | 57.0 | 45.0 | 25.0 | 52.5 | 10.2 | 1.2 | 15 | 31 | 300 | 22.3 | 5.4 | C3D1X156+MYB*** |
| ★ 20.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 15 | 31 | 300 | 16.7 | 7.2 | C3D1X206+MY2*** |
| ★ 25.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 15 | 31 | 300 | 13.4 | 9.0 | C3D1X256+MY2*** |
| ★ 30.0 | 57.0 | 43.5 | 29.5 | 52.5 | 12.7 | 1.2 | 15 | 31 | 300 | 11.1 | 10.8 | C3D1X306+MY2*** |
| 30.0 | 57.0 | 43.5 | 29.5 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 11.1 | 10.8 | C3D1X306+M0A*** |
| ★ 35.0 | 57.0 | 43.5 | 29.5 | 52.5 | 12.7 | 1.2 | 15 | 31 | 300 | 9.6 | 12.6 | C3D1X356+MY2*** |
| ★ 35.0 | 57.0 | 43.5 | 29.5 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 9.6 | 12.6 | C3D1X356+MYA*** |
| 40.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 8.4 | 14.4 | C3D1X406+M0A*** |
| ★ 45.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 7.4 | 16.1 | C3D1X456+MYA*** |
| 50.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 6.7 | 17.9 | C3D1X506+M0A*** |
| ★ 55.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 6.1 | 19.7 | C3D1X556+MYA*** |
| ★ 60.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 5.6 | 21.5 | C3D1X606+MYA*** |
| ★ 65.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 5.1 | 23.3 | C3D1X656+MYA*** |
| ★ 70.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 4.8 | 25.1 | C3D1X706+MYA*** |
| ★ 75.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 4.7 | 25.7 | C3D1X756+MYA*** |
| ★ 80.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 4.5 | 26.8 | C3D1X806+MYA*** |
| 85.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 15 | 31 | 300 | 4.2 | 28.5 | C3D1X856+M0A*** |



■ 技术参数 Technical data(mm)

| U _{N,85°C} : 1 000Vdc | | | | | | | | | | | | |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------------|--------------------------|-------|-----------------------|-------------------------|-----------------|
| C _N (μF) | W ±1.0 | H ±1.0 | T ±1.0 | P ±0.5 | b ±0.5 | d ±0.05 | dV/dt (V/μs) | tanδ×(10 ⁻⁴) | | ESR @10kHz (mΩ) | I _{max} (A) | Part number |
| | | | | | | | | 1kHz | 10kHz | | | |
| 1.0 | 32.0 | 18.0 | 9.0 | 27.5 | - | 0.8 | 75 | 8 | 80 | 76.4 | 1.7 | C3D3A105+B00*** |
| 2.0 | 32.0 | 22.0 | 13.0 | 27.5 | - | 0.8 | 75 | 8 | 80 | 38.2 | 3.5 | C3D3A205+B00*** |
| 3.0 | 32.0 | 24.5 | 15.0 | 27.5 | - | 0.8 | 75 | 8 | 80 | 25.5 | 5.2 | C3D3A305+B00*** |
| 4.0 | 32.0 | 30.0 | 16.0 | 27.5 | - | 0.8 | 75 | 8 | 80 | 19.1 | 6.9 | C3D3A405+B00*** |
| 5.0 | 32.0 | 33.0 | 18.0 | 27.5 | - | 0.8 | 75 | 8 | 80 | 15.3 | 8.6 | C3D3A505+B00*** |
| 6.0 | 32.0 | 33.0 | 18.0 | 27.5 | - | 0.8 | 75 | 8 | 80 | 14.9 | 8.9 | C3D3A605+B00*** |
| ★ 7.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 75 | 8 | 80 | 14.5 | 9.4 | C3D3A705+B00*** |
| ★ 7.0 | 32.0 | 37.0 | 22.0 | 27.5 | 12.7 | 0.8 | 75 | 8 | 80 | 11.4 | 11.6 | C3D3A705+B02*** |
| 8.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 75 | 8 | 80 | 13.0 | 10.8 | C3D3A805+B00*** |
| 8.0 | 32.0 | 37.0 | 22.0 | 27.5 | 12.7 | 0.8 | 75 | 8 | 80 | 10.0 | 13.3 | C3D3A805+B02*** |
| ★ 5.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 37 | 15 | 140 | 31.2 | 3.8 | C3D3A505+FY0*** |
| 6.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 37 | 15 | 140 | 26.0 | 4.6 | C3D3A605+F00*** |
| 7.0 | 41.0 | 33.5 | 18.5 | 37.5 | - | 1.0 | 37 | 15 | 140 | 22.3 | 5.4 | C3D3A705+F00*** |
| 8.0 | 41.0 | 33.5 | 18.5 | 37.5 | - | 1.0 | 37 | 15 | 140 | 19.5 | 6.2 | C3D3A805+F00*** |
| 10.0 | 42.0 | 40.0 | 20.0 | 37.5 | - | 1.0 | 37 | 15 | 140 | 15.6 | 6.7 | C3D3A106+F00*** |
| 10.0 | 42.0 | 40.0 | 20.0 | 37.5 | 10.2 | 1.0 | 37 | 15 | 140 | 15.6 | 7.7 | C3D3A106+F0B*** |
| 12.0 | 41.0 | 37.0 | 22.0 | 37.5 | 12.7 | 1.0 | 37 | 15 | 140 | 13.0 | 9.2 | C3D3A126+F02*** |
| 12.0 | 41.0 | 37.0 | 22.0 | 37.5 | - | 1.0 | 37 | 15 | 140 | 15.0 | 8.0 | C3D3A126+F00*** |
| 15.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 37 | 15 | 140 | 10.4 | 11.5 | C3D3A156+F02*** |
| 18.0 | 42.0 | 45.0 | 30.0 | 37.5 | 12.7 | 1.2 | 37 | 15 | 140 | 8.7 | 13.8 | C3D3A186+F02*** |
| 18.0 | 42.0 | 45.0 | 30.0 | 37.5 | 20.3 | 1.2 | 37 | 15 | 140 | 8.7 | 13.8 | C3D3A186+F0A*** |
| 20.0 | 42.0 | 45.0 | 30.0 | 37.5 | 12.7 | 1.2 | 37 | 15 | 140 | 7.8 | 15.4 | C3D3A206+F02*** |
| 20.0 | 42.0 | 45.0 | 30.0 | 37.5 | 20.3 | 1.2 | 37 | 15 | 140 | 7.8 | 15.4 | C3D3A206+F0A*** |
| 25.0 | 42.0 | 50.0 | 35.0 | 37.5 | 20.3 | 1.2 | 37 | 15 | 140 | 6.2 | 19.2 | C3D3A256+F0A*** |
| ★ 30.0 | 42.0 | 55.0 | 40.0 | 37.5 | 20.3 | 1.2 | 37 | 15 | 140 | 5.2 | 23.1 | C3D3A306+FYA*** |
| 35.0 | 42.0 | 55.0 | 40.0 | 37.5 | 20.3 | 1.2 | 37 | 15 | 140 | 4.8 | 25.1 | C3D3A356+F0A*** |
| ★ 40.0 | 42.0 | 60.0 | 45.0 | 37.5 | 20.3 | 1.2 | 37 | 15 | 140 | 4.2 | 28.7 | C3D3A406+F0A*** |
| ★ 15.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 17 | 28 | 280 | 20.8 | 5.8 | C3D3A156+MY2*** |
| ★ 20.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 17 | 28 | 280 | 15.6 | 7.7 | C3D3A206+M02*** |
| ★ 25.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 17 | 28 | 280 | 12.5 | 9.6 | C3D3A256+MY2*** |
| ★ 30.0 | 57.0 | 43.5 | 29.5 | 52.5 | 12.7 | 1.2 | 17 | 28 | 280 | 10.4 | 11.5 | C3D3A306KM02*** |
| 30.0 | 57.0 | 43.5 | 29.5 | 52.5 | 20.3 | 1.2 | 17 | 28 | 280 | 10.4 | 11.5 | C3D3A306KM0A*** |
| 30.0 | 57.0 | 45.0 | 30.0 | 52.5 | 12.7 | 1.2 | 17 | 28 | 280 | 10.4 | 11.5 | C3D3A306JM02*** |
| 30.0 | 57.0 | 45.0 | 30.0 | 52.5 | 20.3 | 1.2 | 17 | 28 | 280 | 10.4 | 11.5 | C3D3A306JM0A*** |
| ★ 35.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 17 | 28 | 280 | 8.9 | 13.5 | C3D3A356+MYA*** |
| 40.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 17 | 28 | 280 | 7.8 | 15.4 | C3D3A406+M0A*** |
| 45.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 17 | 28 | 280 | 6.9 | 17.3 | C3D3A456+M0A*** |
| 50.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 17 | 28 | 280 | 6.2 | 19.2 | C3D3A506+M0A*** |
| 55.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 17 | 28 | 280 | 5.7 | 21.1 | C3D3A556+M0A*** |
| ★ 60.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 17 | 28 | 280 | 5.2 | 23.1 | C3D3A606+MYA*** |
| 65.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 17 | 28 | 280 | 4.8 | 25.0 | C3D3A656+M0A*** |
| 70.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 17 | 28 | 280 | 4.5 | 26.9 | C3D3A706+M0A*** |



C3D

■ 技术参数 Technical data(mm)

| U _{N,85°C} : 1 000Vdc | | | | | | | | | | | | |
|--------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------------|--------------------------|-------|-----------------------|-------------------------|-----------------|
| C _N (μF) | W ±1.0 | H ±1.0 | T ±1.0 | P ±0.5 | b ±0.5 | d ±0.05 | dV/dt (V/μs) | tanδ×(10 ⁻⁴) | | ESR @10kHz (mΩ) | I _{max} (A) | Part number |
| | | | | | | | | 1kHz | 10kHz | | | |
| 0.68 | 32.0 | 20.0 | 11.0 | 27.5 | - | 0.8 | 80 | 8 | 70 | 80.0 | 1.7 | C3D1M684+B00*** |
| 1.0 | 32.0 | 20.0 | 11.0 | 27.5 | - | 0.8 | 80 | 8 | 70 | 59.4 | 2.2 | C3D1M105+B00*** |
| 1.5 | 32.0 | 22.0 | 13.0 | 27.5 | - | 0.8 | 80 | 8 | 70 | 55.7 | 2.4 | C3D1M155+B00*** |
| 2.0 | 32.0 | 25.0 | 13.0 | 27.5 | - | 0.8 | 80 | 8 | 70 | 27.9 | 4.7 | C3D1M205JB00*** |
| ★ 2.0 | 32.0 | 25.0 | 13.0 | 27.5 | - | 0.8 | 80 | 8 | 70 | 27.9 | 4.7 | C3D1M205KB00*** |
| 3.0 | 32.0 | 30.0 | 16.0 | 27.5 | - | 0.8 | 80 | 8 | 70 | 20.4 | 6.5 | C3D1M305+B00*** |
| 4.0 | 32.0 | 33.0 | 18.0 | 27.5 | - | 0.8 | 80 | 8 | 70 | 15.3 | 8.6 | C3D1M405+B00*** |
| 5.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 80 | 8 | 70 | 14.0 | 9.8 | C3D1M505+B00*** |
| 5.0 | 32.0 | 37.0 | 22.0 | 27.5 | 10.2 | 0.8 | 80 | 8 | 70 | 12.3 | 10.8 | C3D1M505+B0B*** |
| 6.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 80 | 8 | 70 | 12.3 | 10.8 | C3D1M605+B00*** |
| 6.0 | 32.0 | 37.0 | 22.0 | 27.5 | 10.2 | 0.8 | 80 | 8 | 70 | 10.2 | 12.9 | C3D1M605+B0B*** |
| ★ 3.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 40 | 15 | 130 | 48.3 | 2.5 | C3D1M305+FY0*** |
| ★ 4.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 40 | 15 | 130 | 36.2 | 3.3 | C3D1M405+FY0*** |
| ★ 4.7 | 41.0 | 33.5 | 18.5 | 37.5 | - | 1.0 | 40 | 15 | 130 | 30.8 | 3.9 | C3D1M475+FY0*** |
| 5.0 | 41.0 | 33.5 | 18.5 | 37.5 | - | 1.0 | 40 | 15 | 130 | 29.0 | 4.1 | C3D1M505+F00*** |
| ★ 6.0 | 41.0 | 33.5 | 18.5 | 37.5 | - | 1.0 | 40 | 15 | 130 | 24.2 | 5.0 | C3D1M605+FY0*** |
| 7.0 | 42.0 | 40.0 | 20.0 | 37.5 | 10.2 | 1.0 | 40 | 15 | 130 | 20.7 | 5.8 | C3D1M705+F0B*** |
| 8.0 | 41.0 | 37.0 | 22.0 | 37.5 | 10.2 | 1.0 | 40 | 15 | 130 | 18.1 | 6.6 | C3D1M805+F0B*** |
| 9.0 | 41.0 | 37.0 | 22.0 | 37.5 | 12.7 | 1.0 | 40 | 15 | 130 | 16.1 | 7.5 | C3D1M905+F02*** |
| 10.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 40 | 15 | 130 | 14.5 | 8.3 | C3D1M106+F02*** |
| 12.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 40 | 15 | 130 | 12.1 | 9.9 | C3D1M126+F02*** |
| ★ 12.0 | 42.0 | 44.0 | 24.0 | 37.5 | - | 1.0 | 40 | 15 | 130 | 14.0 | 8.6 | C3D1M126+FY0*** |
| 14.0 | 42.0 | 45.0 | 30.0 | 37.5 | - | 1.2 | 40 | 15 | 130 | 10.4 | 11.6 | C3D1M146+F00*** |
| 15.0 | 42.0 | 45.0 | 30.0 | 37.5 | 12.7 | 1.2 | 40 | 15 | 130 | 9.7 | 12.4 | C3D1M156+F02*** |
| 15.0 | 42.0 | 45.0 | 30.0 | 37.5 | 20.3 | 1.2 | 40 | 15 | 130 | 9.7 | 12.4 | C3D1M156+F0A*** |
| ★ 18.0 | 42.0 | 50.0 | 35.0 | 37.5 | 20.3 | 1.2 | 40 | 15 | 130 | 8.1 | 14.9 | C3D1M186+FYA*** |
| 20.0 | 42.0 | 50.0 | 35.0 | 37.5 | 20.3 | 1.2 | 40 | 15 | 130 | 7.2 | 16.6 | C3D1M206+F0A*** |
| 25.0 | 42.0 | 55.0 | 40.0 | 37.5 | 20.3 | 1.2 | 40 | 15 | 130 | 5.8 | 20.7 | C3D1M256+F0A*** |
| ★ 30.0 | 42.0 | 60.0 | 45.0 | 37.5 | 20.3 | 1.2 | 40 | 15 | 130 | 4.8 | 24.8 | C3D1M306+F0A*** |
| ★ 15.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 20 | 27 | 260 | 19.3 | 6.2 | C3D1M156+M02*** |
| 20.0 | 57.0 | 43.5 | 29.5 | 52.5 | 12.7 | 1.2 | 20 | 27 | 260 | 14.5 | 8.3 | C3D1M206+M02*** |
| 20.0 | 57.0 | 43.5 | 29.5 | 52.5 | 20.3 | 1.2 | 20 | 27 | 260 | 14.5 | 8.3 | C3D1M206+M0A*** |
| 25.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 20 | 27 | 260 | 11.6 | 10.4 | C3D1M256+M0A*** |
| 30.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 20 | 27 | 260 | 9.7 | 12.4 | C3D1M306+M0A*** |
| ★ 35.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 20 | 27 | 260 | 8.4 | 14.3 | C3D1M356+MYA*** |
| 40.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 20 | 27 | 260 | 7.8 | 15.5 | C3D1M406+M0A*** |
| ★ 45.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 20 | 27 | 260 | 6.9 | 17.4 | C3D1M456+MYA*** |
| 50.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 20 | 27 | 260 | 6.2 | 19.3 | C3D1M506+M0A*** |
| ★ 55.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 20 | 27 | 260 | 5.6 | 21.3 | C3D1M556+MYA*** |



■ 技术参数 Technical data(mm)

| U _{N, 85°C} : 1 200Vdc | | | | | | | | | | | | |
|---------------------------------|-----------|-----------|-----------|-----------|-----------|------------|-----------------|--------------------------|-------|-----------------------|-------------------------|-----------------|
| C _N (μF) | W ±1.0 | H ±1.0 | T ±1.0 | P ±0.5 | b ±0.5 | d ±0.05 | dV/dt (V/μs) | tanδ×(10 ⁻⁴) | | ESR @10kHz (mΩ) | I _{max} (A) | Part number |
| | | | | | | | | 1kHz | 10kHz | | | |
| 1.0 | 32.0 | 20.0 | 11.0 | 27.5 | - | 0.8 | 90 | 7 | 55 | 39.5 | 3.5 | C3D3L105+B00*** |
| 2.0 | 32.0 | 24.5 | 15.0 | 27.5 | - | 0.8 | 90 | 7 | 55 | 26.3 | 5.0 | C3D3L205+B00*** |
| 3.0 | 32.0 | 30.0 | 16.0 | 27.5 | - | 0.8 | 90 | 7 | 55 | 17.5 | 7.5 | C3D3L305+B00*** |
| 4.0 | 32.0 | 33.0 | 18.0 | 27.5 | - | 0.8 | 90 | 7 | 55 | 13.9 | 9.5 | C3D3L405+B00*** |
| 5.0 | 32.0 | 37.0 | 22.0 | 27.5 | - | 0.8 | 90 | 7 | 55 | 12.7 | 10.4 | C3D3L505+B00*** |
| 5.0 | 32.0 | 37.0 | 22.0 | 27.5 | 10.2 | 0.8 | 90 | 7 | 55 | 11.1 | 11.8 | C3D3L505+B0B*** |
| 3.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 45 | 13 | 100 | 37.2 | 3.2 | C3D3L305+F00*** |
| 4.0 | 41.0 | 30.0 | 16.0 | 37.5 | - | 1.0 | 45 | 13 | 100 | 27.9 | 4.3 | C3D3L405+F00*** |
| 5.0 | 41.0 | 33.5 | 18.5 | 37.5 | - | 1.0 | 45 | 13 | 100 | 22.3 | 5.4 | C3D3L505+F00*** |
| 6.0 | 42.0 | 40.0 | 20.0 | 37.5 | - | 1.0 | 45 | 13 | 100 | 18.6 | 6.5 | C3D3L605+F00*** |
| ★ 7.0 | 41.0 | 37.0 | 22.0 | 37.5 | 10.2 | 1.0 | 45 | 13 | 100 | 15.9 | 7.5 | C3D3L705+FYB*** |
| ★ 8.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 45 | 13 | 100 | 13.9 | 8.6 | C3D3L805+FY2*** |
| ★ 9.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 45 | 13 | 100 | 12.4 | 9.7 | C3D3L905+FY2*** |
| 10.0 | 42.0 | 44.0 | 24.0 | 37.5 | 12.7 | 1.0 | 45 | 13 | 100 | 11.1 | 10.8 | C3D3L106+F02*** |
| ★ 12.0 | 42.0 | 45.0 | 30.0 | 37.5 | 12.7 | 1.2 | 45 | 13 | 100 | 9.3 | 12.9 | C3D3L126+FY2*** |
| ★ 12.0 | 42.0 | 45.0 | 30.0 | 37.5 | 20.3 | 1.2 | 45 | 13 | 100 | 9.3 | 12.9 | C3D3L126+FYA*** |
| ★ 15.0 | 42.0 | 50.0 | 35.0 | 37.5 | 20.3 | 1.2 | 45 | 13 | 100 | 7.4 | 16.1 | C3D3L156+FYA*** |
| ★ 18.0 | 42.0 | 50.0 | 35.0 | 37.5 | 20.3 | 1.2 | 45 | 13 | 100 | 6.6 | 18.1 | C3D3L186+FYA*** |
| 20.0 | 42.0 | 55.0 | 40.0 | 37.5 | 20.3 | 1.2 | 45 | 13 | 100 | 6.0 | 20.1 | C3D3L206+F0A*** |
| ★ 25.0 | 42.0 | 60.0 | 45.0 | 37.5 | 20.3 | 1.2 | 45 | 13 | 100 | 4.8 | 25.1 | C3D3L256+FYA*** |
| ★ 12.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 23 | 24 | 200 | 19.9 | 6.0 | C3D3L126+MY2*** |
| ★ 15.0 | 57.0 | 45.0 | 25.0 | 52.5 | 12.7 | 1.2 | 23 | 24 | 200 | 15.9 | 7.5 | C3D3L156+MY2*** |
| ★ 20.0 | 57.0 | 43.5 | 29.5 | 52.5 | 12.7 | 1.2 | 23 | 24 | 200 | 11.9 | 10.0 | C3D3L206KMY2*** |
| 20.0 | 57.0 | 43.5 | 29.5 | 52.5 | 20.3 | 1.2 | 23 | 24 | 200 | 11.9 | 10.0 | C3D3L206KM0A*** |
| 20.0 | 57.0 | 45.0 | 30.0 | 52.5 | 12.7 | 1.2 | 23 | 24 | 200 | 11.9 | 10.0 | C3D3L206JM02*** |
| 20.0 | 57.0 | 45.0 | 30.0 | 52.5 | 20.3 | 1.2 | 23 | 24 | 200 | 11.9 | 10.0 | C3D3L206JM0A*** |
| 25.0 | 57.0 | 50.0 | 35.0 | 52.5 | 20.3 | 1.2 | 23 | 24 | 200 | 9.6 | 12.6 | C3D3L256+M0A*** |
| 30.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 23 | 24 | 200 | 8.0 | 15.1 | C3D3L306+M0A*** |
| 35.0 | 57.0 | 55.0 | 45.0 | 52.5 | 20.3 | 1.2 | 23 | 24 | 200 | 6.8 | 17.6 | C3D3L356+M0A*** |
| 40.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 23 | 24 | 200 | 6.0 | 20.1 | C3D3L406+M0A*** |
| 45.0 | 57.0 | 65.0 | 45.0 | 52.5 | 20.3 | 1.2 | 23 | 24 | 200 | 5.3 | 22.6 | C3D3L456+M0A*** |

备注 Note: 1. “+”表示容量偏差。 “+”=capacitance tolerance code, J=±5%, K=±10%.

2. “***”表示引线加工和包装代码。 “***”=lead form and packaging code.

3. 当“b=10.0mm”时,第12位代码为“1”;当“b=20.0mm”时,第12位代码为“3”;当“b=15.0mm”时,第12位代码为“4”。

When the b=10.0mm, the digit 12 is “1”; When the b=20.0mm, the digit 12 is “3”; When the b=15.0mm, the digit 12 is “4”.

4. “I_{max}”是在 f=10kHz, θ_{amb}=70°C, Δθ_{case}=15.0°C的最大电流有效值。

“I_{max}”=Maximum r.m.s current at 10kHz, θ_{amb}=70°C, Δθ_{case}=15.0°C.

5. “★”表示外壳为圆弧底。“★”=Arc-bottom of the outer shell.

6. “ESR”为典型值。“ESR”are typical values.

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