

SPECIFICATION FOR APPROVAL

**RoHS
COMPLIANT**



Product Series Code

CD - Series

SMD Drum Core Power Choke

Features

- High energy storage and low DCR.
- Wide range inductance(from low inductance to high inductance in large current.)
- All series of product are RoHS compliant.

Applications

- Ideal for power source circuits, DC-DC converters, AC-DC inverters.

Product Identification

CD 32 - 100 M
1 2 3 4

1.Product Code:

CD = Hung Tron Code.

3. Inductance Code:

100 = 10uH.

2.Dimension Code:

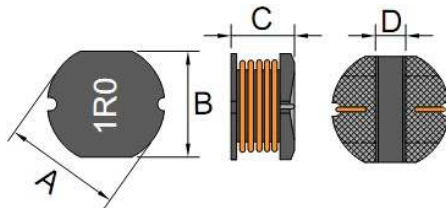
32 = 3.5 * 3.0 * 2.0 mm.

4. Tolerance Code:

K = 10%.

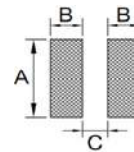
M = 20%

Dimension (Unit: mm)



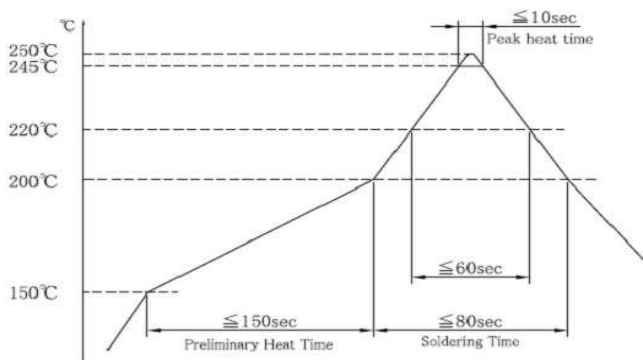
| Type | (A±0.3) | (B±0.3) | (C±0.3) | D(Ref.) |
|-------|---------|---------|---------|---------|
| CD31 | 3.50 | 3.00 | 1.60 | 1.00 |
| CD32 | 3.50 | 3.00 | 2.10 | 1.00 |
| CD43 | 4.50 | 4.00 | 3.20 | 1.20 |
| CD52 | 5.80 | 5.20 | 2.50 | 1.30 |
| CD53 | 5.80 | 5.20 | 3.20 | 1.30 |
| CD54 | 5.80 | 5.20 | 4.50 | 1.30 |
| CD73 | 7.80 | 7.00 | 3.50 | 2.10 |
| CD75 | 7.80 | 7.00 | 5.00 | 2.10 |
| CD104 | 10.00 | 9.00 | 4.20 | 2.10 |
| CD105 | 10.00 | 9.00 | 5.50 | 2.10 |

Land Pattern (Unit: mm)



| Type | A(Ref.) | B(Ref.) | C(Ref.) |
|--------|---------|---------|---------|
| CD 31 | 3.50 | 1.10 | 1.50 |
| CD 32 | 3.50 | 1.10 | 1.50 |
| CD 43 | 4.50 | 1.75 | 1.50 |
| CD 52 | 5.50 | 2.15 | 1.70 |
| CD 53 | 5.50 | 2.15 | 1.70 |
| CD 54 | 5.50 | 2.15 | 1.70 |
| CD 73 | 7.50 | 3.00 | 2.00 |
| CD 75 | 7.50 | 3.00 | 2.00 |
| CD 104 | 9.50 | 3.50 | 2.50 |
| CD 105 | 9.50 | 3.50 | 2.50 |

Reflow Heat Endurance



Operating & Storage Conditions

Operating Temp. : -40°C~+105°C.

Storage Temp. : -40°C~+85°C.

Storage life time : 12 months@25°C,RH65%.

Standard & Atmospheric Conditions

Ambient Temp. : 20°C±15°C / Relative Humidity : 65±20%. If there may be any doubt on the result, measurement shall be made within the following limits :

Ambient Temp. : 25°C±5°C / Relative Humidity : 75±10%.

Test Equipment

HP4284A, HOKIO3532-50- IDC, L.

TH2512B -RDC.

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ELECTRICAL CHARACTERISTICS FOR CD31 SERIES

| Part Number 產品料號 | Inductance (μ H) 電感值 (L) | Test Freq. (Hz) 測試頻率 | DCR (Ω) (max) 直流阻抗 | IDC (A) (max) 定格電流 |
|---------------------|-------------------------------------|----------------------------|-----------------------------------|--------------------------|
| CD31-2R2M | 2.20 | 1M | 0.10 | 0.79 |
| CD31-4R7M | 4.70 | 1M | 0.15 | 0.65 |
| CD31-100M | 10.00 | 1M | 0.30 | 0.45 |
| CD31-150M | 15.00 | 1M | 0.58 | 0.30 |
| CD31-220M | 22.00 | 1M | 0.71 | 0.25 |
| CD31-330M | 33.00 | 1M | 1.10 | 0.20 |
| CD31-470M | 47.00 | 1M | 1.30 | 0.17 |
| CD31-680M | 68.00 | 1M | 2.20 | 0.13 |
| CD31-101M | 100.00 | 1M | 3.50 | 0.10 |

ELECTRICAL CHARACTERISTICS FOR CD32 SERIES

| Part Number 產品料號 | Inductance (μ H) 電感值 (L) | Test Freq. (KHz) 測試頻率 | DCR (Ω) (max) 直流阻抗 | IDC (A) (max) 定格電流 |
|---------------------|-------------------------------------|-----------------------------|-----------------------------------|--------------------------|
| CD32-1R0M | 1.00 | 100 | 0.045 | 2.20 |
| CD32-1R2M | 1.20 | 100 | 0.050 | 2.10 |
| CD32-1R5M | 1.50 | 100 | 0.055 | 1.70 |
| CD32-1R8M | 1.80 | 100 | 0.070 | 1.65 |
| CD32-2R2M | 2.20 | 100 | 0.085 | 1.60 |
| CD32-2R7M | 2.70 | 100 | 0.100 | 1.40 |
| CD32-3R3M | 3.30 | 100 | 0.120 | 1.05 |
| CD32-3R9M | 3.90 | 100 | 0.125 | 1.00 |
| CD32-4R7M | 4.70 | 100 | 0.135 | 1.00 |
| CD32-5R6M | 5.60 | 100 | 0.145 | 0.95 |
| CD32-6R8M | 6.80 | 100 | 0.200 | 0.95 |
| CD32-8R2M | 8.20 | 100 | 0.250 | 0.92 |
| CD32-100K | 10.00 | 100 | 0.320 | 0.90 |
| CD32-120K | 12.00 | 100 | 0.350 | 0.85 |
| CD32-150K | 15.00 | 100 | 0.460 | 0.75 |
| CD32-180K | 18.00 | 100 | 0.520 | 0.70 |
| CD32-220K | 22.00 | 100 | 0.650 | 0.60 |
| CD32-270K | 27.00 | 100 | 0.750 | 0.55 |
| CD32-330K | 33.00 | 100 | 0.920 | 0.50 |
| CD32-390K | 39.00 | 100 | 1.000 | 0.48 |
| CD32-470K | 47.00 | 100 | 1.150 | 0.45 |
| CD32-560K | 56.00 | 100 | 1.500 | 0.30 |
| CD32-680K | 68.00 | 100 | 2.000 | 0.26 |
| CD32-820K | 82.00 | 100 | 2.150 | 0.23 |
| CD32-101K | 100.00 | 100 | 2.500 | 0.20 |
| CD32-121K | 120.00 | 100 | 3.400 | 0.18 |

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| Part Number 產品料號 | Inductance (μ H) 電感值 (L) | Test Freq. (KHz) 測試頻率 | DCR (Ω) (max) 直流阻抗 | IDC (A) (max) 定格電流 |
|---------------------|-------------------------------------|-----------------------------|-----------------------------------|--------------------------|
| CD32-151K | 150.00 | 100 | 4.200 | 0.16 |
| CD32-181K | 180.00 | 100 | 4.500 | 0.15 |
| CD32-221K | 220.00 | 100 | 5.100 | 0.14 |
| CD32-271K | 270.00 | 100 | 8.500 | 0.10 |
| CD32-331K | 330.00 | 100 | 9.500 | 0.09 |

ELECTRICAL CHARACTERISTICS FOR CD43 SERIES

| Part Number 產品料號 | Inductance (μ H) 電感值 (L) | Test Freq. (Hz) 測試頻率 | DCR (Ω) (max) 直流阻抗 | IDC (A) (max) 定格電流 |
|---------------------|-------------------------------------|----------------------------|-----------------------------------|--------------------------|
| CD43-1R0M | 1.00 | 7.96 M | 0.033 | 3.80 |
| CD43-1R4M | 1.40 | 7.96 M | 0.038 | 3.30 |
| CD43-1R8M | 1.80 | 7.96 M | 0.042 | 2.91 |
| CD43-2R2M | 2.20 | 7.96 M | 0.047 | 2.60 |
| CD43-2R7M | 2.70 | 7.96 M | 0.052 | 2.43 |
| CD43-3R3M | 3.30 | 7.96 M | 0.058 | 2.15 |
| CD43-3R9M | 3.90 | 7.96 M | 0.076 | 1.98 |
| CD43-4R7M | 4.70 | 7.96 M | 0.094 | 1.70 |
| CD43-5R6M | 5.60 | 7.96 M | 0.101 | 1.60 |
| CD43-6R8M | 6.80 | 7.96 M | 0.117 | 1.41 |
| CD43-8R2M | 8.20 | 7.96 M | 0.132 | 1.26 |
| CD43-100K | 10.00 | 2.52 M | 0.182 | 1.15 |
| CD43-120K | 12.00 | 2.52 M | 0.210 | 1.05 |
| CD43-150K | 15.00 | 2.52 M | 0.235 | 0.92 |
| CD43-180K | 18.00 | 2.52 M | 0.338 | 0.84 |
| CD43-220K | 22.00 | 2.52 M | 0.378 | 0.76 |
| CD43-270K | 27.00 | 2.52 M | 0.522 | 0.71 |
| CD43-330K | 33.00 | 2.52 M | 0.540 | 0.64 |
| CD43-390K | 39.00 | 2.52 M | 0.587 | 0.59 |
| CD43-470K | 47.00 | 2.52 M | 0.844 | 0.54 |
| CD43-560K | 56.00 | 2.52 M | 0.937 | 0.50 |
| CD43-680K | 68.00 | 2.52 M | 1.117 | 0.46 |
| CD43-820K | 82.00 | 1 K | 1.345 | 0.45 |
| CD43-101K | 100.00 | 1 K | 1.520 | 0.44 |
| CD43-121K | 120.00 | 1 K | 1.800 | 0.43 |
| CD43-151K | 150.00 | 1 K | 2.000 | 0.42 |
| CD43-181K | 180.00 | 1 K | 3.200 | 0.38 |
| CD43-221K | 220.00 | 1 K | 3.400 | 0.36 |
| CD43-271K | 270.00 | 1 K | 3.900 | 0.34 |
| CD43-331K | 330.00 | 1 K | 5.300 | 0.28 |
| CD43-391K | 390.00 | 1 K | 5.900 | 0.24 |
| CD43-471K | 470.00 | 1 K | 6.800 | 0.21 |
| CD43-561K | 560.00 | 1 K | 8.500 | 0.20 |
| CD43-681K | 680.00 | 1 K | 10.000 | 0.18 |
| CD43-821K | 820.00 | 1 K | 13.400 | 0.15 |
| CD43-102K | 1000.00 | 1 K | 15.600 | 0.14 |

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ELECTRICAL CHARACTERISTICS FOR CD52 SERIES

| Part Number 產品料號 | Inductance (μ H) 電感值 (L) | Test Freq. (KHz) 測試頻率 | DCR (Ω) (max) 直流阻抗 | IDC (A) (max) 定格電流 |
|---------------------|-------------------------------------|-----------------------------|-----------------------------------|--------------------------|
| CD52-1R2M | 1.20 | 100 | 0.050 | 4.20 |
| CD52-1R5M | 1.50 | 100 | 0.060 | 4.00 |
| CD52-1R8M | 1.80 | 100 | 0.065 | 3.70 |
| CD52-2R2M | 2.20 | 100 | 0.070 | 3.50 |
| CD52-2R7M | 2.70 | 100 | 0.080 | 3.20 |
| CD52-3R3M | 3.30 | 100 | 0.100 | 2.70 |
| CD52-3R9M | 3.90 | 100 | 0.120 | 2.40 |
| CD52-4R7M | 4.70 | 100 | 0.140 | 2.00 |
| CD52-5R6M | 5.60 | 100 | 0.150 | 1.80 |
| CD52-6R8M | 6.80 | 100 | 0.160 | 1.50 |
| CD52-8R2M | 8.20 | 100 | 0.170 | 1.40 |
| CD52-100K | 10.00 | 100 | 0.200 | 1.30 |
| CD52-120K | 12.00 | 100 | 0.230 | 1.10 |
| CD52-150K | 15.00 | 100 | 0.250 | 1.05 |
| CD52-180K | 18.00 | 100 | 0.300 | 1.00 |
| CD52-220K | 22.00 | 100 | 0.350 | 0.90 |
| CD52-270K | 27.00 | 100 | 0.400 | 0.85 |
| CD52-330K | 33.00 | 100 | 0.500 | 0.75 |
| CD52-390K | 39.00 | 100 | 0.550 | 0.70 |
| CD52-470K | 47.00 | 100 | 0.650 | 0.60 |
| CD52-560K | 56.00 | 100 | 0.750 | 0.55 |
| CD52-680K | 68.00 | 100 | 0.950 | 0.50 |
| CD52-820K | 82.00 | 100 | 1.200 | 0.45 |
| CD52-101K | 100.00 | 100 | 1.400 | 0.40 |
| CD52-121K | 120.00 | 100 | 1.750 | 0.35 |
| CD52-151K | 150.00 | 100 | 2.000 | 0.25 |
| CD52-181K | 180.00 | 100 | 2.600 | 0.22 |
| CD52-221K | 220.00 | 100 | 3.000 | 0.20 |
| CD52-271K | 270.00 | 100 | 3.700 | 0.18 |
| CD52-331K | 330.00 | 100 | 4.300 | 0.17 |
| CD52-391K | 390.00 | 100 | 6.000 | 0.16 |
| CD52-471K | 470.00 | 100 | 6.700 | 0.15 |

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ELECTRICAL CHARACTERISTICS FOR CD53 SERIES

| Part Number 產品料號 | Inductance (μ H) 電感值 (L) | Test Freq. (Hz) 測試頻率 | DCR (Ω) (max) 直流阻抗 | IDC (A) (max) 定格電流 |
|---------------------|-------------------------------------|----------------------------|-----------------------------------|--------------------------|
| CD53-1R0M | 1.00 | 7.96 M | 0.030 | 4.50 |
| CD53-1R2M | 1.20 | 7.96 M | 0.030 | 4.20 |
| CD53-1R5M | 1.50 | 7.96 M | 0.030 | 4.10 |
| CD53-1R8M | 1.80 | 7.96 M | 0.030 | 3.70 |
| CD53-2R2M | 2.20 | 7.96 M | 0.030 | 3.50 |
| CD53-2R7M | 2.70 | 7.96 M | 0.040 | 3.20 |
| CD53-3R3M | 3.30 | 7.96 M | 0.050 | 2.80 |
| CD53-3R9M | 3.90 | 7.96 M | 0.060 | 2.60 |
| CD53-4R7M | 4.70 | 7.96 M | 0.070 | 2.50 |
| CD53-5R6M | 5.60 | 7.96 M | 0.080 | 2.40 |
| CD53-6R8M | 6.80 | 7.96 M | 0.090 | 2.20 |
| CD53-8R2M | 8.20 | 7.96 M | 0.100 | 2.00 |
| CD53-100K | 10.00 | 2.52 M | 0.120 | 1.80 |
| CD53-120K | 12.00 | 2.52 M | 0.130 | 1.75 |
| CD53-150K | 15.00 | 2.52 M | 0.150 | 1.70 |
| CD53-180K | 18.00 | 2.52 M | 0.180 | 1.60 |
| CD53-220K | 22.00 | 2.52 M | 0.220 | 1.50 |
| CD53-270K | 27.00 | 2.52 M | 0.240 | 1.40 |
| CD53-330K | 33.00 | 2.52 M | 0.300 | 1.10 |
| CD53-390K | 39.00 | 2.52 M | 0.400 | 1.00 |
| CD53-470K | 47.00 | 2.52 M | 0.430 | 0.90 |
| CD53-560K | 56.00 | 2.52 M | 0.500 | 0.85 |
| CD53-680K | 68.00 | 2.52 M | 0.600 | 0.80 |
| CD53-820K | 82.00 | 2.52 M | 0.800 | 0.65 |
| CD53-101K | 100.00 | 1 K | 0.900 | 0.60 |
| CD53-121K | 120.00 | 1 K | 1.000 | 0.58 |
| CD53-151K | 150.00 | 1 K | 1.300 | 0.43 |
| CD53-181K | 180.00 | 1 K | 1.500 | 0.41 |
| CD53-221K | 220.00 | 1 K | 2.000 | 0.38 |
| CD53-271K | 270.00 | 1 K | 2.500 | 0.35 |
| CD53-331K | 330.00 | 1 K | 3.200 | 0.28 |
| CD53-391K | 390.00 | 1 K | 3.500 | 0.26 |

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|---------------------|-------------------------------------|----------------------------|-----------------------------------|--------------------------|
| CD53-471K | 470.00 | 1 K | 4.200 | 0.20 |
| CD53-561K | 560.00 | 1 K | 4.500 | 0.19 |
| CD53-681K | 680.00 | 1 K | 6.000 | 0.18 |
| CD53-821K | 820.00 | 1 K | 6.500 | 0.15 |
| CD53-102K | 1000.00 | 1 K | 8.000 | 0.13 |

ELECTRICAL CHARACTERISTICS FOR CD54 SERIES

| Part Number 產品料號 | Inductance (μ H) 電感值 (L) | Test Freq. (Hz) 測試頻率 | DCR (Ω) (max) 直流阻抗 | IDC (A) (max) 定格電流 |
|---------------------|-------------------------------------|----------------------------|-----------------------------------|--------------------------|
| CD54-1R0M | 1.00 | 7.96 M | 0.015 | 5.90 |
| CD54-1R2M | 1.20 | 7.96 M | 0.020 | 5.20 |
| CD54-1R5M | 1.50 | 7.96 M | 0.025 | 4.70 |
| CD54-1R8M | 1.80 | 7.96 M | 0.030 | 4.00 |
| CD54-2R2M | 2.20 | 7.96 M | 0.035 | 3.80 |
| CD54-2R7M | 2.70 | 7.96 M | 0.040 | 3.40 |
| CD54-3R3M | 3.30 | 7.96 M | 0.045 | 3.30 |
| CD54-3R9M | 3.90 | 7.96 M | 0.050 | 2.90 |
| CD54-4R7M | 4.70 | 7.96 M | 0.060 | 2.80 |
| CD54-5R6M | 5.60 | 7.96 M | 0.070 | 2.40 |
| CD54-6R8M | 6.80 | 7.96 M | 0.080 | 2.10 |
| CD54-8R2M | 8.20 | 7.96 M | 0.090 | 2.00 |
| CD54-100K | 10.00 | 2.52 M | 0.100 | 1.44 |
| CD54-120K | 12.00 | 2.52 M | 0.120 | 1.40 |
| CD54-150K | 15.00 | 2.52 M | 0.140 | 1.30 |
| CD54-180K | 18.00 | 2.52 M | 0.150 | 1.23 |
| CD54-220K | 22.00 | 2.52 M | 0.180 | 1.11 |
| CD54-270K | 27.00 | 2.52 M | 0.200 | 0.97 |
| CD54-330K | 33.00 | 2.52 M | 0.230 | 0.88 |
| CD54-390K | 39.00 | 2.52 M | 0.320 | 0.80 |
| CD54-470K | 47.00 | 2.52 M | 0.370 | 0.72 |
| CD54-560K | 56.00 | 2.52 M | 0.420 | 0.68 |
| CD54-680K | 68.00 | 2.52 M | 0.460 | 0.61 |

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|---------------------|-------------------------------------|----------------------------|-----------------------------------|--------------------------|
| CD54-820K | 82.00 | 2.52 M | 0.600 | 0.58 |
| CD54-101K | 100.00 | 1 K | 0.700 | 0.52 |
| CD54-121K | 120.00 | 1 K | 0.930 | 0.48 |
| CD54-151K | 150.00 | 1 K | 1.100 | 0.40 |
| CD54-181K | 180.00 | 1 K | 1.380 | 0.38 |
| CD54-221K | 220.00 | 1 K | 1.570 | 0.35 |
| CD54-271K | 270.00 | 1 K | 1.650 | 0.32 |
| CD54-331K | 330.00 | 1 K | 1.700 | 0.28 |
| CD54-391K | 390.00 | 1 K | 1.800 | 0.26 |
| CD54-471K | 470.00 | 1 K | 2.300 | 0.23 |
| CD54-561K | 560.00 | 1 K | 2.500 | 0.20 |
| CD54-681K | 680.00 | 1 K | 3.000 | 0.19 |
| CD54-821K | 820.00 | 1 K | 4.500 | 0.16 |
| CD54-102K | 1000.00 | 1 K | 4.800 | 0.14 |

ELECTRICAL CHARACTERISTICS FOR CD73 SERIES

| Part Number 產品料號 | Inductance (μ H) 電感值 (L) | Test Freq. (Hz) 測試頻率 | DCR (Ω) (max) 直流阻抗 | IDC (A) (max) 定格電流 |
|---------------------|-------------------------------------|----------------------------|-----------------------------------|--------------------------|
| CD73-100K | 10.00 | 2.52 M | 0.080 | 1.44 |
| CD73-120K | 12.00 | 2.52 M | 0.090 | 1.39 |
| CD73-150K | 15.00 | 2.52 M | 0.100 | 1.24 |
| CD73-180K | 18.00 | 2.52 M | 0.110 | 1.12 |
| CD73-220K | 22.00 | 2.52 M | 0.130 | 1.07 |
| CD73-270K | 27.00 | 2.52 M | 0.150 | 0.94 |
| CD73-330K | 33.00 | 2.52 M | 0.170 | 0.85 |
| CD73-390K | 39.00 | 2.52 M | 0.220 | 0.74 |
| CD73-470K | 47.00 | 2.52 M | 0.250 | 0.68 |
| CD73-560K | 56.00 | 2.52 M | 0.280 | 0.64 |
| CD73-680K | 68.00 | 2.52 M | 0.330 | 0.59 |
| CD73-820K | 82.00 | 2.52 M | 0.410 | 0.54 |
| CD73-101K | 100.00 | 1 K | 0.480 | 0.51 |
| CD73-121K | 120.00 | 1 K | 0.540 | 0.49 |
| CD73-151K | 150.00 | 1 K | 0.750 | 0.40 |
| CD73-181K | 180.00 | 1 K | 1.020 | 0.36 |
| CD73-221K | 220.00 | 1 K | 1.200 | 0.31 |
| CD73-271K | 270.00 | 1 K | 1.310 | 0.29 |

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|---------------------|-------------------------------------|----------------------------|-----------------------------------|--------------------------|
| CD73-331K | 330.00 | 1 K | 1.500 | 0.28 |
| CD73-391K | 390.00 | 1 K | 1.800 | 0.26 |
| CD73-471K | 470.00 | 1 K | 1.950 | 0.23 |
| CD73-561K | 560.00 | 1 K | 2.300 | 0.21 |
| CD73-681K | 680.00 | 1 K | 2.700 | 0.13 |
| CD73-821K | 820.00 | 1 K | 3.200 | 0.11 |
| CD73-102K | 1000.00 | 1 K | 3.800 | 0.08 |

ELECTRICAL CHARACTERISTICS FOR CD75 SERIES

| Part Number 產品料號 | Inductance (μ H) 電感值 (L) | Test Freq. (Hz) 測試頻率 | DCR (Ω) (max) 直流阻抗 | IDC (A) (max) 定格電流 |
|---------------------|-------------------------------------|----------------------------|-----------------------------------|--------------------------|
| CD75-100K | 10.00 | 2.52 M | 0.070 | 2.30 |
| CD75-120K | 12.00 | 2.52 M | 0.080 | 2.00 |
| CD75-150K | 15.00 | 2.52 M | 0.090 | 1.80 |
| CD75-180K | 18.00 | 2.52 M | 0.100 | 1.60 |
| CD75-220K | 22.00 | 2.52 M | 0.110 | 1.50 |
| CD75-270K | 27.00 | 2.52 M | 0.120 | 1.30 |
| CD75-330K | 33.00 | 2.52 M | 0.130 | 1.20 |
| CD75-390K | 39.00 | 2.52 M | 0.160 | 1.10 |
| CD75-470K | 47.00 | 2.52 M | 0.180 | 1.10 |
| CD75-560K | 56.00 | 2.52 M | 0.240 | 0.94 |
| CD75-680K | 68.00 | 2.52 M | 0.280 | 0.85 |
| CD75-820K | 82.00 | 2.52 M | 0.370 | 0.78 |
| CD75-101K | 100.00 | 1 K | 0.430 | 0.72 |
| CD75-121K | 120.00 | 1 K | 0.470 | 0.66 |
| CD75-151K | 150.00 | 1 K | 0.640 | 0.58 |
| CD75-181K | 180.00 | 1 K | 0.710 | 0.51 |
| CD75-221K | 220.00 | 1 K | 0.960 | 0.49 |
| CD75-271K | 270.00 | 1 K | 1.110 | 0.42 |
| CD75-331K | 330.00 | 1 K | 1.260 | 0.40 |
| CD75-391K | 390.00 | 1 K | 1.770 | 0.36 |
| CD75-471K | 470.00 | 1 K | 1.960 | 0.34 |
| CD75-561K | 560.00 | 1 K | 2.000 | 0.33 |
| CD75-681K | 680.00 | 1 K | 2.200 | 0.32 |
| CD75-821K | 820.00 | 1 K | 2.900 | 0.25 |
| CD75-102K | 1000.00 | 1 K | 3.900 | 0.20 |

SPECIFICATION FOR APPROVAL

RoHS
COMPLIANT

Product Series Code

CD - Series

SMD Drum Core Power Choke



ELECTRICAL CHARACTERISTICS FOR CD104 SERIES

| Part Number 產品料號 | Inductance (μ H) 電感值(L) | Test Freq. (Hz) 測試頻率 | DCR (Ω) (max) 直流阻抗 | IDC (A) (max) 定格電流 |
|---------------------|------------------------------------|----------------------------|-----------------------------------|--------------------------|
| CD104-100K | 10.00 | 2.52 M | 0.053 | 2.38 |
| CD104-120K | 12.00 | 2.52 M | 0.061 | 2.13 |
| CD104-150K | 15.00 | 2.52 M | 0.070 | 1.87 |
| CD104-180K | 18.00 | 2.52 M | 0.081 | 1.73 |
| CD104-220K | 22.00 | 2.52 M | 0.088 | 1.60 |
| CD104-270K | 27.00 | 2.52 M | 0.100 | 1.44 |
| CD104-330K | 33.00 | 2.52 M | 0.120 | 1.26 |
| CD104-390K | 39.00 | 2.52 M | 0.151 | 1.20 |
| CD104-470K | 47.00 | 2.52 M | 0.170 | 1.10 |
| CD104-560K | 56.00 | 2.52 M | 0.199 | 1.01 |
| CD104-680K | 68.00 | 2.52 M | 0.223 | 0.91 |
| CD104-820K | 82.00 | 2.52 M | 0.252 | 0.85 |
| CD104-101K | 100.00 | 1 K | 0.344 | 0.74 |
| CD104-121K | 120.00 | 1 K | 0.396 | 0.69 |
| CD104-151K | 150.00 | 1 K | 0.544 | 0.61 |
| CD104-181K | 180.00 | 1 K | 0.621 | 0.56 |
| CD104-221K | 220.00 | 1 K | 0.721 | 0.53 |
| CD104-271K | 270.00 | 1 K | 0.949 | 0.45 |
| CD104-331K | 330.00 | 1 K | 1.100 | 0.42 |
| CD104-391K | 390.00 | 1 K | 1.245 | 0.38 |
| CD104-471K | 470.00 | 1 K | 1.526 | 0.35 |
| CD104-561K | 560.00 | 1 K | 1.904 | 0.32 |
| CD104-681K | 680.00 | 1 K | 2.200 | 0.31 |
| CD104-821K | 820.00 | 1 K | 2.700 | 0.30 |
| CD104-102K | 1000.00 | 1 K | 3.500 | 0.29 |

SPECIFICATION FOR APPROVAL

RoHS
COMPLIANT

Product Series Code

CD - Series

SMD Drum Core Power Choke



ELECTRICAL CHARACTERISTICS FOR CD105 SERIES

| Part Number 產品料號 | Inductance (μ H) 電感值 (L) | Test Freq. (Hz) 測試頻率 | DCR (Ω) (max) 直流阻抗 | IDC (A) (max) 定格電流 |
|---------------------|-------------------------------------|----------------------------|-----------------------------------|--------------------------|
| CD105-100K | 10.00 | 2.52 M | 0.060 | 2.60 |
| CD105-120K | 12.00 | 2.52 M | 0.070 | 2.45 |
| CD105-150K | 15.00 | 2.52 M | 0.080 | 2.27 |
| CD105-180K | 18.00 | 2.52 M | 0.090 | 2.15 |
| CD105-220K | 22.00 | 2.52 M | 0.100 | 1.95 |
| CD105-270K | 27.00 | 2.52 M | 0.110 | 1.76 |
| CD105-330K | 33.00 | 2.52 M | 0.120 | 1.50 |
| CD105-390K | 39.00 | 2.52 M | 0.140 | 1.37 |
| CD105-470K | 47.00 | 2.52 M | 0.170 | 1.28 |
| CD105-560K | 56.00 | 2.52 M | 0.190 | 1.17 |
| CD105-680K | 68.00 | 2.52 M | 0.220 | 1.11 |
| CD105-820K | 82.00 | 2.52 M | 0.250 | 1.00 |
| CD105-101K | 100.00 | 1 K | 0.350 | 0.97 |
| CD105-121K | 120.00 | 1 K | 0.400 | 0.89 |
| CD105-151K | 150.00 | 1 K | 0.470 | 0.78 |
| CD105-181K | 180.00 | 1 K | 0.630 | 0.72 |
| CD105-221K | 220.00 | 1 K | 0.730 | 0.66 |
| CD105-271K | 270.00 | 1 K | 0.970 | 0.57 |
| CD105-331K | 330.00 | 1 K | 1.150 | 0.52 |
| CD105-391K | 390.00 | 1 K | 1.300 | 0.48 |
| CD105-471K | 470.00 | 1 K | 1.480 | 0.42 |
| CD105-561K | 560.00 | 1 K | 1.900 | 0.33 |
| CD105-681K | 680.00 | 1 K | 2.250 | 0.28 |
| CD105-821K | 820.00 | 1 K | 2.550 | 0.24 |
| CD105-102K | 1000.00 | 1 K | 3.000 | 0.20 |
| CD106-220K | 22.00 | 2.52 | 0.075 | 2.0 |