

Dongguan Haode Electronics Co., Ltd

Website: www.dghdelectronics.com

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Part Number System

★ Plastic Film Capacitors, Audio Capacitors (DC Voltage)

Example: HDB 104 K 630 150 B 000

1	2	3	4	5	6	7
HDB	104	K	630	150	B	000

1: HAODE Product Series Name

2: Capacitance Code

102=1000pF 223=0.022μF 104=0.1μF
225=2.2μF 686=68μF

The first 2 digits mean significant figures, 3rd digit mean the number of zero which need to add after first 2 digits to obtain the capacitance data in pF.

3: Capacitance Tolerance

G=±2% E= ±3%
J= ±5% K=±10%

4: Voltage Code

050=50V 100=100V 250=250V 400=400V 630=630V
03A=1000V 03C=1600V 03D=2000V 0A1=275VAC 0A2=310VAC 0A3=450VAC

5: Pitch Size / Leg Space

000=Standard 100=10mm 150=15mm 200=20mm
225=22.5mm 275=27.5mm AXL=Axial Leg, no pitch size

6: Package Type

B=Bulk A=Ammo

7: Leg Length

000=Standard 035=3.5mm leg length 050=5mm leg length 250=25mm leg length 300=30mm leg length

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★Tantalum Capacitors

Example: HTCA 106 M V R

1	2	3	4	5
HTCA	106	M	V	R

1: HAODE Product Series Name

2: Capacitance Code

104=0.1 μ F 224=0.22 μ F 225=2.2 μ F 106=10 μ F 227=220 μ F

The first 2 digits mean significant figures, 3rd digit mean the number of zero which need to add after first 2 digits to obtain the capacitance data in pF.

3: Capacitance Tolerance

K=± 10% M=±20%

4: Voltage Code

e=2.5V G=4V J=6.3V A=10V C=16V
D=20V E=25V V=35V T=50V

5: Package Type

R=Tape & Reel B=Bulk A=Ammo

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★High Voltage Ceramic Capacitors

Example: HDQ 6300 100 K 075 J 075 000 B

1	2	3	4	5	6	7	8	9
HDQ	6300	100	K	075	J	075	000	B

1: HAODE Product Series Name

2: Voltage Code

1000=1,000V 1250=1,250V 6300=6,300V 004A=10,000V 004B=150,000V

3: Capacitance Code

100=10pF 221=220pF 472=4700pF 103=0.01μF

The first 2 digits mean significant figures, 3rd digit mean the number of zero which need to add after first 2 digits to obtain the capacitance data in pF.

4: Capacitance Tolerance

M=±20% K=± 10% J=± 5%

5: Pitch Size / Leg Space

050=5mm 075=7.5mm 100=10mm

6: Temperature Characteristic

B=Y5P E=Y5U F=Y5V J=UJ S=SL T=Y5T Y=YL

7: Diameter Code

065=6.5mm 075=7.5mm 090=9mm
100=10mm 105=10.5mm 145=14.5mm

8: Leg Length

000=Standard 050=5mm leg length
250=25mm leg length 300=30mm leg length

9: Package Type

B=Bulk A=Ammo

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★Multilayer Ceramic Capacitors (SMD and Radial Type)

Example: HMC 0805 Y 473 M 050 B 508

1	2	3	4	5	6	7	8
HMC	0805	Y	473	M	050	B	508

1: HAODE Product Series Name

2: Size Code

0201=0201 0402=0402 0603=0603 0805=0805 1206=1206
1210=1210 1808=1808 1812=1812 2220=2220 2225=2225 3035=3035

3: Temperature Characteristic

NPO=N X5R=R X7R=X Y5V=Y

4: Capacitance Code

100=10pF 221=220pF 472=4700pF 103=0.01pF
473=0.047μF 224=0.22μF 105=1.0μF 225=2.5μF

The first 2 digits mean significant figures, 3rd digit mean the number of zero which need to add after first 2 digits to obtain the capacitance data in pF.

5: Capacitance Tolerance

B=±0.1pF C=±0.25pF D=±0.5pF J=± 5% K=± 10% M=±20% Z=-20%~+80%

6: Voltage Code

010=10V 016=16V 025=25V 035=35V 050=50V 100=100V

7: Package Type

B=Bulk A=Ammo R=Tape & Reel

8: Pitch Size / Leg Space

254=2.54mm 508=5.08mm 505=5.5mm
705=7.5mm 000=Chip Type / SMD Type

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★Super Capacitors

Example: HDZ 206 M 2R7 075 01600200 B

1	2	3	4	5	6	7
HDZ	206	M	2R7	075	01600200	B

1: HAODE Product Series Name

2: Capacitance Code

103=0.01 μ F 224=0.22 μ F 335=3.3 μ F
106=10 μ F 227=220 μ F 338=3300 μ F

The first 2 digits mean significant figures, 3rd digit mean the number of zero which need to add after first 2 digits to obtain the capacitance data in pF.

3: Capacitance Tolerance

K=± 10% M=±20% V=-10%~+20% F=0~+ 30% G=0~+40%

4: Voltage Code

2R7=2.7V 3R0=3V 5R5=5.5V 7R5=7.5V

5: Pitch Size / Leg Space

050=5mm 075=7.5mm 100=10mm
135=13.5mm 218=21.8mm 282=28.2mm

6: Size Code (DxL in mm)

00500100=5x10 00630125=6.3x12.5 01600200=16x20 00601400=60x140

7: Package Type

B=Bulk A=Ammo