

Hongda Capacitors

How to order Tantalum Capacitors



CA42 Radial Epoxy
Dipped Tantalum
Capacitor
(General Purpose)

<u>CA42</u>	<u>106</u>	<u>M</u>	<u>035</u>	<u>B</u>	<u>2</u>	<u>R</u>	<u>-</u>
Type	Capacitance code	Tolerance	Rated DC Voltage	Package	Pitch size	RoHs	Additional characters may be added for special requirements
CA42	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	K: +/-10% M: +/-20%	Code 035: 35VDC 006 = 6.3VDC 010 = 10VDC 025 = 25VDC 035 = 35VDC 050 = 50VDC	B: Bulk A: Ammo Taped	2: pitch size 2.54mm 5: pitch size 5.08mm		



CA45 Chip Tantalum
Capacitors
(General Purpose)

<u>CA45</u>	<u>C</u>	<u>106</u>	<u>M</u>	<u>035</u>	<u>R</u>	<u>-</u>
Type	Case Size	Capacitance code	Tolerance	Rated DC Voltage	Package	Additional characters may be added for special requirements
CA45	See size table	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	K: +/-10% M: +/-20%	Code 035: 35VDC 006 = 6.3VDC 010 = 10VDC 025 = 25VDC 035 = 35VDC 050 = 50VDC	R: Tape & Reel	



QCA45 Chip Tantalum
Capacitors
(Automotive Grade)

<u>QCA45</u>	<u>C</u>	<u>106</u>	<u>M</u>	<u>035</u>	<u>R</u>	<u>-</u>
Type	Case Size	Capacitance code	Tolerance	Rated DC Voltage	Package	Additional characters may be added for special requirements
QCA45	See size table	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	K: +/-10% M: +/-20%	Code 035: 35VDC 006 = 6.3VDC 010 = 10VDC 025 = 25VDC 035 = 35VDC 050 = 50VDC	R: Tape & Reel	



CA45L Low ESR Chip
Tantalum Capacitors

<u>CA45L</u>	<u>C</u>	<u>106</u>	<u>M</u>	<u>035</u>	<u>R</u>	<u>0100</u>	<u>-</u>
Type	Case Size	Capacitance code	Tolerance	Rated DC Voltage	Package	ESR in mΩ	Additional characters may be added for special requirements
CA45L	See size table	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	K: +/-10% M: +/-20%	Code 035: 35VDC 006 = 6.3VDC 010 = 10VDC 025 = 25VDC 035 = 35VDC 050 = 50VDC	R: Tape & Reel		



CA55 Polymer Tantalum
Capacitors

<u>CA55</u>	<u>C</u>	<u>106</u>	<u>M</u>	<u>035</u>	<u>R</u>	<u>0100</u>	<u>-</u>
Type	Case Size	Capacitance code	Tolerance	Rated DC Voltage	Package	ESR in mΩ	Additional characters may be added for special requirements
CA55	See size table	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	K: +/-10% M: +/-20%	Code 035: 35VDC 006 = 6.3VDC 010 = 10VDC 025 = 25VDC 035 = 35VDC 050 = 50VDC	R: Tape & Reel		

Hongda Capacitors

How to order

Multilayer Ceramic Capacitors



General Purpose Series
(4V to 4000V)

<u>HLC</u>	<u>1206</u>	<u>X7R</u>	<u>104</u>	<u>K</u>	<u>500</u>	<u>N</u>	<u>-</u>
↓	↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Size</u>	<u>Dielectric</u>	<u>Capacitance</u>	<u>Tolerance</u>	<u>Rated voltage</u>	<u>Termination</u>	<u>Additional characters may be added for special requirements</u>
HLC	Inch (mm) 0201 (0603) 0402 (1005) 0603 (1608) 0805 (2012) 1206 (3216) 1210 (3225) 1808 (4520) 1812 (4532) 1825 (4563) 2211 (5728) 2220 (5750) 2225 (5763)	NPO X7R Y5V X5R	Two significant digits followed by no. of zeros. And R is in place of decimal point. eg.: 0R5=0.5pF 1R0=1.0pF 104=10x104=100nF	B=±0.1pF C=±0.25pF D=±0.5pF F=±1% G=±2% J=±5% K=±10% M=±20% Z=-20/+80%	Two significant digits followed by no. of zeros. And R is in place of decimal point. 4R0=4 VDC 6R3=6.3 VDC 100=10 VDC 160=16 VDC 250=25 VDC 500=50 VDC 101=100 VDC 102=1000 VDC 202=2000 VDC	C=Cu/Ni/Sn	

Hongda Capacitors

How to order

SMD Electrolytic Capacitors



HCK	106	M	0035	0405	R	-
↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated Voltage</u>	<u>Size Code</u>	<u>Package</u>	<u>Additional characters may be added for special requirements</u>
HCK	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0035: 35VDC For DC Voltage 0006: 6.3VDC 0035: 35VDC 0450: 450VDC	Code 0405: Size 4x5.4mm Size for V-chip E-cap 0405: Size 4x5.4mm 1010: Size 10x10.5mm 1818: Size 18x18.5mm	R: Tape & Reel	



HCS	106	M	0035	0405	R	-
↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated Voltage</u>	<u>Size Code</u>	<u>Package</u>	<u>Additional characters may be added for special requirements</u>
HCS	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0035: 35VDC For DC Voltage 0006: 6.3VDC 0035: 35VDC 0450: 450VDC	Code 0405: Size 4x5.4mm Size for V-chip E-cap 0405: Size 4x5.4mm 1010: Size 10x10.5mm 1818: Size 18x18.5mm	R: Tape & Reel	



HSC	106	M	0035	0405	R	-
↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated Voltage</u>	<u>Size Code</u>	<u>Package</u>	<u>Additional characters may be added for special requirements</u>
HSC	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0035: 35VDC For DC Voltage 0006: 6.3VDC 0035: 35VDC 0050: 50VDC	Code 0405: Size 4x5.4mm Size for V-chip E-cap 0405: Size 4x5.4mm 0605: Size 6.3x5.4mm 0607: Size 6.3x7.7mm	R: Tape & Reel	



HCN	106	M	0035	0405	R	-
↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated Voltage</u>	<u>Size Code</u>	<u>Package</u>	<u>Additional characters may be added for special requirements</u>
HCN	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0035: 35VDC For DC Voltage 0006: 6.3VDC 0035: 35VDC 0050: 50VDC	Code 0405: Size 4x5.4mm Size for V-chip E-cap 0405: Size 4x5.4mm 0605: Size 6.3x5.4mm 0607: Size 6.3x7.7mm	R: Tape & Reel	



HKP	106	M	0035	0405	R	-
↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated Voltage</u>	<u>Size Code</u>	<u>Package</u>	<u>Additional characters may be added for special requirements</u>
HKP	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0035: 35VDC For DC Voltage 0006: 6.3VDC 0035: 35VDC 0050: 50VDC	Code 0405: Size 4x5.4mm Size for V-chip E-cap 0405: Size 4x5.4mm 0505: Size 5x5.4mm 0605: Size 6.3x5.4mm	R: Tape & Reel	



HFZ	106	M	0035	0405	R	-
↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated Voltage</u>	<u>Size Code</u>	<u>Package</u>	<u>Additional characters may be added for special requirements</u>
HFZ	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0035: 35VDC For DC Voltage 0006: 6.3VDC 0035: 35VDC 0100: 100VDC	Code 0405: Size 4x5.8mm Size for V-chip E-cap 0405: Size 4x5.8mm 1010: Size 10x10.5mm 1818: Size 18x18.5mm	R: Tape & Reel	



HKZ	106	M	0035	0405	R	-
↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated Voltage</u>	<u>Size Code</u>	<u>Package</u>	<u>Additional characters may be added for special requirements</u>
HKZ	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0035: 35VDC For DC Voltage 0006: 6.3VDC 0035: 35VDC 0050: 50VDC	Code 0405: Size 4x5.8mm Size for V-chip E-cap 0405: Size 4x5.8mm 1010: Size 10x10.5mm 1616: Size 16x16.5mm	R: Tape & Reel	

Hongda Capacitors

How to order SMD Electrolytic Capacitors



HLZ	106	M	0035	0405	R	-
Type	Capacitance code	Tolerance	Rated Voltage	Size Code	Package	Additional characters may be added for special requirements
HLZ	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0035: 35VDC For DC Voltage 0006: 6.3VDC 0035: 35VDC 0050: 50VDC	Code 0405: Size 4x5.4mm Size for V-chip E-cap 0405: Size 4x5.4mm 1010: Size 10x10.5mm 1616: Size 16x16.5mm	R: Tape & Reel	



HHU	106	M	0160	1013	R	-
Type	Capacitance code	Tolerance	Rated Voltage	Size Code	Package	Additional characters may be added for special requirements
HHU	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0160: 160VDC For DC Voltage 0160: 160VDC 0250: 250VDC 0450: 450VDC	Code 1013: Size 10x13.5mm Size for V-chip E-cap 0812: Size 8x12.5mm 1013: Size 10x13.5mm 1216: Size 12.5x16mm	R: Tape & Reel	



HCH	106	M	0160	1013	R	-
Type	Capacitance code	Tolerance	Rated Voltage	Size Code	Package	Additional characters may be added for special requirements
HCH	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0160: 160VDC For DC Voltage 0160: 160VDC 0250: 250VDC 0450: 450VDC	Code 1013: Size 10x13.5mm Size for V-chip E-cap 1013: Size 10x13.5mm 1213: Size 12.5x13.5mm 1616: Size 16x16.5mm	R: Tape & Reel	



HCP	106	M	0160	1013	R	-
Type	Capacitance code	Tolerance	Rated Voltage	Size Code	Package	Additional characters may be added for special requirements
HCP	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0160: 160VDC For DC Voltage 0160: 160VDC 0250: 250VDC 0450: 450VDC	Code 1013: Size 10x13.5mm Size for V-chip E-cap 1013: Size 10x13.5mm 1213: Size 12.5x13.5mm 1616: Size 16x16.5mm	R: Tape & Reel	



HKH	106	M	0035	0405	R	-
Type	Capacitance code	Tolerance	Rated Voltage	Size Code	Package	Additional characters may be added for special requirements
HKH	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0035: 35VDC For DC Voltage 0035: 35VDC 0100: 100VDC 0450: 450VDC	Code 0405: Size 4x5.8mm Size for V-chip E-cap 0405: Size 4x5.8mm 1010: Size 10x10.5mm 1616: Size 16x16.5mm	R: Tape & Reel	



HKL	106	M	0035	0405	R	-
Type	Capacitance code	Tolerance	Rated Voltage	Size Code	Package	Additional characters may be added for special requirements
HKL	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0035: 35VDC For DC Voltage 0006: 6.3VDC 0035: 35VDC 0100: 100VDC	Code 0405: Size 4x5.8mm Size for V-chip E-cap 0405: Size 4x5.8mm 1010: Size 10x10.5mm 1616: Size 16x16.5mm	R: Tape & Reel	



HEL	106	M	0035	0405	R	-
Type	Capacitance code	Tolerance	Rated Voltage	Size Code	Package	Additional characters may be added for special requirements
HEL	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0035: 35VDC For DC Voltage 0006: 6.3VDC 0035: 35VDC 0050: 50VDC	Code 0405: Size 4x5.8mm Size for V-chip E-cap 0405: Size 4x5.8mm 1010: Size 10x10.5mm 1616: Size 16x16.5mm	R: Tape & Reel	

Hongda Capacitors

How to order

Conductive Polymer Aluminum Electrolytic Capacitors(Chip Type)



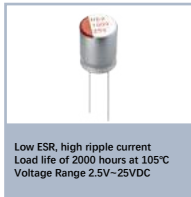
-55~+105°C 2000 hours,
Low ESR, high ripple current

HMA	106	M	0006	0405	R	-
↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated Voltage</u>	<u>Size Code</u>	<u>Package</u>	<u>Additional characters may be added for special requirements</u>
HMA	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0006: 6.3VDC For DC Voltage 0004: 4VDC 0020: 20VDC 0025: 25VDC	Code 0405: Size 4x5.5mm Size for V-chip E-cap 0405: Size 4x5.5mm 1010: Size 10x10mm 1012: Size 10x12.7mm	R: Tape & Reel	



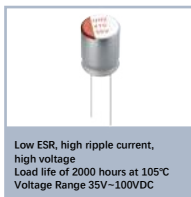
-55~+105°C 2000 hours,
Higher capacitance, ultra-low ESR, ripple current

HMB	106	M	0006	0405	R	-
↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated Voltage</u>	<u>Size Code</u>	<u>Package</u>	<u>Additional characters may be added for special requirements</u>
HMB	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	M: +/-20%	Code 0006: 6.3VDC For DC Voltage 0004: 4VDC 0010: 10VDC 0016: 16VDC	Code 0405: Size 4x5.5mm Size for V-chip E-cap 0405: Size 4x5.5mm 0607: Size 6.3x7.7mm 1012: Size 10x12mm	R: Tape & Reel	



Low ESR, high ripple current
Load life of 2000 hours at 105°C
Voltage Range 2.5V~25VDC

HE2	106	M	025	B	025	R	-
↓	↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated DC Voltage</u>	<u>Package</u>	<u>Pitch size</u>	<u>RoHs</u>	<u>Additional characters may be added for special requirements</u>
HE2	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	K: +/-10% M: +/-20%	Code 025: 25VDC 006 = 6.3VDC 010 = 10VDC 025 = 25VDC	B: Bulk A: Ammo Taped	20: pitch size 2.0mm 25: pitch size 2.5mm 35: pitch size 3.5mm 50: pitch size 5.0mm		



Low ESR, high ripple current,
high voltage
Load life of 2000 hours at 105°C
Voltage Range 35V~100VDC

HH2	106	M	035	B	025	R	-
↓	↓	↓	↓	↓	↓	↓	↓
<u>Type</u>	<u>Capacitance code</u>	<u>Tolerance</u>	<u>Rated DC Voltage</u>	<u>Package</u>	<u>Pitch size</u>	<u>RoHs</u>	<u>Additional characters may be added for special requirements</u>
HH2	pF Code: 1st two digits represent significant figures 3rd digit represents multiplier (number of zeros to follow) 106 = 10uF 107 = 100uF	K: +/-10% M: +/-20%	Code 035: 35VDC 050 = 50VDC 100 = 100VDC	B: Bulk A: Ammo Taped	020: pitch size 2.0mm 025: pitch size 2.5mm 035: pitch size 3.5mm 050: pitch size 5.0mm		