



## Cross Reference for Multilayer Ceramic Capacitors Chip MLCC

### Hongda Capacitors P/N: HLC1206X7R104K500N



<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	

### AVX: 08055C474KAT2A

### Hongda Capacitors P/N: HLC1206X7R104K500N

0805	5	C	474	K	A	T	2	A
Size	Voltage	Dielectric	Capacitance	Tolerance	Failure Rate	Termination	Packaging	Special Code
0201 0402 0603 0805 1206 1210 1808 1812 1825 2220 2225	4: 4V 6: 6.3V Z: 10V Y: 16V 3: 25V 5: 50V 1: 100V 2: 200V V: 250V 7: 500V C: 600/630V A: 1KV S: 1500V G: 2KV W: 2500V H: 3KV J: 4KV K: 5KV P: 250 Telco Rating	A: NPO C: X7R D: X5R E: Z5U G: Y5V	1st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B: ±0.10pF C: ±0.25pF D: ±0.5pF F: ±1% G: ±2% J: ± 5% K: ± 10% M: ± 20% Z: 80-20% P: 100-0%	A: Standard	T: Ni/Tin Plate 1: Pd/Ag 7: Ni/Au Plate	1 or 2: 7" Reel 3 or 4: 13" Reel 7: Bulk Cassette 9: Bulk	A: Standard

# Surface Mount MLCC Capacitor X-Reference Guide

## CAL CHIP: GMC21X7R474K50NT

## Hongda Capacitors P/N: HLC1206X7R104K500N

GMC/CHV	21	X7R	474	K	50	N	T	
Cap Style	Size	Dielectric	Capacitance	Tolerance	Voltage	Termination	Packaging	Marking
	02:0201 04:0402 10:0603 21:0805 31:1206 32:1210 40:1808 43:1812 45:1825 55:2220 57:2225	CG /C(NPO) X7R/X X5R Z5U/Z Y5V/Y	1st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B:±0.10pF C:±0.25pF D:±0.5pF F:±1% G:±2% J: ± 5% K: ± 10% M: ± 20% Z:80-20% P:100-0%	6R3: 6.3v 10: 10v 16:16v 25:25v 50:50v 100:100v 200:200v 500:500v 1k0:1000v 2k0: 2000v 3k0: 3000v 5k0: 5000v	N: Ni Barrier	B: Bulk E: Plastic Tape T: Paper Tape	M:Marked None: Unmarked

## Epcos: B37941K5474K062

## Hongda Capacitors P/N: HLC1206X7R104K500N

B37941	K	5	474	K	0	62
Cap Style/Size/Dielectric	Termination	Voltage	Capacitance	Tolerance	Internal Code	Packaging
B37920: 0402(NPO) B37930: 0603(NPO) B37931: 0603(X7R) B37540: 0603(X8R) B37932: 0603(Z5U/Y5U) B37940: 0805(NPO) B37941: 0805(X7R) B37541: 0805(X8R) B37942: 0805(Z5U/Y5U) B37871: 1206(NPO) B37872: 1206(X7R) B37472: 1206(X8R) B37873: 1206(Z5U/Y5U) B37949: 1210(NPO) B37950: 1210(X7R) B37550: 1210(X8R) B37951: 1210(Z5U/Y5U) B37953: 1812(X7R) B37954: 1812(Z5U/Y5U) B37956: 2220(X7R) B37957: 2220(Z5U/Y5U)	J: Pd/Ag K: Ni Barrier	0:25v 5:50v 1:100v 2:200v 3:500v 9:16v	1st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B:±0.10pF C:±0.25pF D:±0.5pF F:±1% G:±2% J: ± 5% K: ± 10% M: ± 20%	Used for decimal place for <10pF 0:Standard	01: Bulk 60: Paper tape, 7" 62: Plastic tape, 7" 70: Paper tape, 13" 72: Plastic tape, 13"

# Surface Mount MLCC Capacitor X-Reference Guide

## Johanson: 500R15W474KV4T

500	R15	W	474	K	V	4	T
Voltage	Size	Dielectric	Capacitance	Tolerance	Termination	Marking	Packaging
6R3: 6.3V 100:10V 160:16V 250:25V 500:50V 101:100V 201:200V 251:250V 501:500V 102:1KV 202:2KV 302:3KV 402:4KV 502:5KV	R05:0201 R07:0402 R14:0603 R15:0805 R18:1206 S41:1210 R29:1808 S43:1812 S49:1825 S47:2220 S48:2225	N: NPO W: X7R X: X5R Z: Z5U Y: Y5V	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B: ±0.10pF C: ±0.25pF D: ±0.5pF F: ±1% G: ±2% J: ± 5% K: ± 10% M: ± 20% Z: 80-20% P: 100-0%	V: Nickel Barrier P: Pd/Ag	4: Unmarked 6: EIA Code	E: 7" Embossed T: 7" Paper U: 13" Embossed R: 13" Paper W: Waffle Pack None: bulk

## Hongda Capacitors P/N: HLC1206X7R104K500N

## Kemet: C0805C474K5RAC

C	0805	C	474	K	5	R	A	C
Cap Style	Size	Special Code	Capacitance	Tolerance	Voltage	Dielectric	Failure Rate	Termination
	0201 0402 0603 0805 1206 1210 1808 1812 1825 2220 2225	C: Standard	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B: ±0.10pF C: ±0.25pF D: ±0.5pF F: ±1% G: ±2% J: ± 5% K: ± 10% M: ± 20% Z: 80-20% P: 100-0%	8: 10V 4: 16V 3: 25V 5: 50V 1: 100V 2: 200V	G: NPO R: X7R X: BX U: Z5U V: Y5V	A: Standard	C: Ni/Tin Plate H: Ni/Tin solder T: Silver G: Gold plated

## Hongda Capacitors P/N: HLC1206X7R104K500N

# Surface Mount MLCC Capacitor X-Reference Guide

## Murata: GRM21AR71H474KA01L

## Hongda Capacitors P/N: HLC1206X7R104K500N

GRM	21	B	R7	1H	474	K	A01	L
Cap Style	Size	Thickness	Dielectric	Voltage	Capacitance	Tolerance	Special Code	Packaging
	03:0201 15:0402 18:0603 21:0805 31:1206 32:1210 42:1808 43:1812 43-2:1825 55:2220 57:2225	2:0.2mm 3:0.3mm 5:0.5mm 6:0.6mm 7:0.7mm 8:0.8mm 9:0.9mm A:1mm B:1.25mm C:1.6mm D:2mm E:2.5mm	5C: NPO R7: X7R E4: Z5U F5: Y5V C7: X7S R9: X8R	0G: 4v 0J: 6.3v 1A: 10v 1C: 16v 1E: 25v 1H: 50v 2A: 100v 2D: 200v 2E: 250V YD: 300V 2H: 300V 2J: 630V 3A: 1KV 3D: 2KV E2: 250VAC	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B: ±0.10pF C: ±0.25pF D: ±0.5pF F: ±1% G: ±2% J: ± 5% K: ± 10% M: ± 20% Z: 80-20%	A01: Standard	D: 7" Paper L: 7" Plastic K: 13" Plastic J: 13" Paper B: Bulk C: Bulk Case T: Bulk Tray

## NIC: NMC0805X7R474K50TRPLP

## Hongda Capacitors P/N: HLC1206X7R104K500N

NMC	0201	X7R	474	K	50	TRPLP	Marking
Cap Style	Size	Dielectric	Capacitance	Tolerance	Voltage	Packaging	Marking
	0201 0402 0603 0805 1206 1210 1808 1812 1825 2220 2225	NPO X7R Z5U Y5V	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B: ±0.10pF C: ±0.25pF D: ±0.5pF F: ±1% G: ±2% J: ± 5% K: ± 10% M: ± 20% Z: 80-20%	10: 10v 16: 16v 25: 25v 50: 50v 100: 100v 200: 200v 500: 500v	TRP: Tape & reel (Paper) TRPLP: Tape & reel (Plastic)	M: Marked Blank: Unmarked

# Surface Mount MLCC Capacitor X-Reference Guide

## Novacap: 0805B474K500NXT

0805	B	474	K	500	N	Thickness Option	T	Marking
Size	Dielectric	Capacitance	Tolerance	Voltage	Termination	Thickness Option	Packaging	Marking
0201 0402 0603 0805 1206 1210 1808 1812 1825 2220 2225	N: NPO B: X7R X: BX Z: Z5U Y: Y5V S: X8R	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B: ±0.10pF C: ±0.25pF D: ±0.5pF F: ±1% G: ±2% J: ± 5% K: ± 10% M: ± 20% Z: 80-20%	160:16V 250:25V 500:50V 101:100V 251:250V 501:500V 102:1KV 202:2KV 302:3KV 402:4KV 502:5KV 103:10KV	N: Ni Barrier/ 100% Tin P: Pd/Ag Y: Ni Barrier/ 90/10 Tin	X080: Thickness ≤.080" X100: Thickness ≤.100" Blank: Std. catalogue Thk.	T: Tape & Reel W: waffle Blank: Bulk	M: Marked Blank: unmarket

## Hongda Capacitors P/N: HLC1206X7R104K500N

## Panasonic: ECJ2YB1H474K

ECJ	2	Y	B	1H	474	K
Ceramic Cap Style	Size	Packaging	Dielectric	Voltage	Capacitance	Tolerance
	0:0402 1:0603 2:0805 3:1206 4:1210	E: 7" Paper 2mm pitch V: 7" Paper 4mm pitch Y,F: 7" Plastic 4mm W: 13" reel 4mm pitch C: Bulk case X: Bulk	C: NPO B: X7R F: Y5V	0J: 6.3V 1A: 10V 1C: 16V 1E: 25V 1H: 50V 2A: 100V 2D: 200V	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	C: ±0.25pF D: ±0.5pF F: ±1% G: ±2% J: ± 5% K: ± 10% M: ± 20% Z: 80-20%

## Hongda Capacitors P/N: HLC1206X7R104K500N

# Surface Mount MLCC Capacitor X-Reference Guide

## Philips: 08052R474K9BBEA

## Hongda Capacitors P/N: HLC1206X7R104K500N

0805	2R	474	K	9	B	B	EA
Size	Dielectric	Capacitance	Tolerance	Voltage	Termination	Packaging	Cap Series
0201 0402 0603 0805 1206 1210 1808 1812 1825 2220 2225	CG: NPO 2R: X7R 2E: Z5U 2F: Y5V	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B: ±0.10pF C: ±0.25pF D: ±0.5pF F: ±1% G: ±2% J: ± 5% K: ± 10% M: ± 20% Z: 80-20%	7: 16V 8: 25V 9: 50V 0: 100V B: 200V D: 500V E: 1KV F: 2KV G: 3KV	A: Pd/Ag B: Ni Barrier	B: 7" Plastic F: 13" Plastic 2: 7" Paper 3: 13" Paper P: Bulk Case	O: Ceramic EA: Compact MA: Microwave

## Phycomp: 08052R474K9BB00

## Hongda Capacitors P/N: HLC1206X7R104K500N

0805	2R	474	K	9	B	B	0	0
Size	Dielectric	Capacitance	Tolerance	Voltage	Termination	Packaging	Marking	Range ID
0402 0603 0805 1206 1210 1812	CG: NPO 2B: X5R 2E: Z5U 2F: Y5V 2R: X7R	1 st two digits are significant, 3rd digit denotes the multiplier 8: X0.01 9: X0.1 0: X1 1: X10 2: X100 3: X1000 4: X10000 5: X100000	B: ±0.10pF C: ±0.25pF D: ±0.5pF F: ±1% G: ±2% J: ± 5% K: ± 10% M: ± 20% Z: 80-20%	7: 16V 8: 25V 9: 50V 0: 100V B: 200V C: 250V D: 500V E: 1KV F: 2KV G: 3KV H: 4KV	B: Ni Sn	B: 7" Plastic F: 13" Plastic 2: 7" Paper 3: 13" Paper P: Bulk	0: Unmarked	0: Conventional Ceramic M: Microwave D: BME

# Surface Mount MLCC Capacitor X-Reference Guide

## Presidio: 0805X7R474K2NT91

## Hongda Capacitors P/N: HLC1206X7R104K500N

0805	X7R	474	K	2	NT9	1
Size	Dielectric	Capacitance	Tolerance	Voltage	Termination	Packaging
0402 0603 0805 1206 1210 1808 1812 1825 2220 2225	NPO BX X7R Y5V	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B:±0.10pF C:±0.25pF D:±0.5pF F:±1% G:±2% J: ± 5% K: ± 10% M: ± 20% Z:80-20%	10V = 10 VDC 12V = 12 VDC 16V = 16 VDC 1:25V 2:50V 3:100V 4:200V 5:250V 6:500V 9:1KV 11:2KV 13:3KV 15:5KV	NT9 : 90/10 Tin / Lead over Nickel P: Pd/Ag NG: Gold over Nickel	1: 7" Plastic Unmarked 2: 7" Plastic Marked 3: Bulk Unmarked 4: Bulk Marked 5: Waffle Unmarked 6: Waffle Marked A. Reel, 13", plastic tape, unmarked B. Reel, 13", plastic tape, marked

## Rohm: MCH215C474KP

## Hongda Capacitors P/N: HLC1206X7R104K500N

MCH	21	5	C	474	K	P
Termination	Size	Voltage	Dielectric	Capacitance	Tolerance	Packaging
MCH: Ni Barrier MC: Pd/Ag	3:0201 15:0402 18:0603 21:0805 31:1206 32:1210 43:1812	4:10V 3:16V 2:25V 5:50V 1:100V 6:200V 7:500V	A, AN:NPO CN:X7R FN:Y5V	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B:±0.10pF C:±0.25pF D:±0.5pF F:±1% G:±2% J: ± 5% K: ± 10% M: ± 20% Z:80-20%	P: 7" Plastic Q: 13" Plastic K: 7" Paper C: Bulk Case B: Bulk Bag None: Bulk

# Surface Mount MLCC Capacitor X-Reference Guide

## Samsung: CL21B474KBNNE

## Hongda Capacitors P/N: HLC1206X7R104K500N

CL	21	B	474	K	B	N	N	E
Cap Series	Size	Dielectric	Capacitance	Tolerance	Voltage	Termination	Product Series	Packaging
	03:0201 05:0402 10:0603 21:0805 31:1206 32:1210 42:1808 43:1812 55:2220	A:X5R B:X7R C:NPO F:Y5V	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B:±0.10pF C:±0.25pF D:±0.5pF F:±1% G:±2% J: ± 5% K: ± 10% M: ± 20% Z:80-20%	R:4V Q:6.3V P:10V O:16V A:25V L:35V B:50V C:100V D:200V E:250V G:500V I:1KV J:2KV K:3KV	N:NI/100% Sn P: Pd/Ag S: Ag	A: Array(2 element) B:Array(4 element) C: Hi-Q L:LICC N: Normal P: Automotive	B: Bulk P: Bulk Case C: 7" Paper O,D: 13" Paper E:7" Plastic F:13" Plastic S:10" Plastic

## Syfer: 0805J0500474KXT

## Hongda Capacitors P/N: HLC1206X7R104K500N

0805	J	050	0474	K	X	T
EIA Size	Termination	Voltage	Capacitance	Tolerance	Dielectric	Packaging
0201 0402 0603 0805 1206 1210 1808 1812 1825 2220 2225	J: Ni barrier F: Pd/Ag A: Special Y: Flex Term.	016:16v 025:25v 063:63v 100:100v 200:200v 250:250v 630:630v 1K0:1k 5K0:5kv	First digit is 0. 2nd and 3rd digits are significant. The 4th digit denotes number of zeros. P= Decimal 5P00: 5.0 pF 0100: 10 pF 0330: 33 pF 0471: 470 pF 0102: 1000 pF	B:±0.10pF C: ±0.25pF D: ±0.50pF F: ± 1% G: ± 2% J: ± 5% K: ± 10% M: ± 20% Z:80-20%	C:NPO X: X7R B: BX Y: Y5V Q: Hi-fire Q	T: 7" Reel R: 13" Reel B: Bulk C: cassette



# Surface Mount MLCC Capacitor X-Reference Guide

## TDK: C2012X7R1H474KT

## Hongda Capacitors P/N: HLC1206X7R104K500N

C	2012	X7R	1H	474	K	T
Cap Series	Size	Dielectric	Voltage	Capacitance	Tolerance	Packaging
	0603:0201 1005:0402 1608:0603 2012:0805 3216:1206 3225:1210 4532:1812 5750:2220	CG:NPO X7R X5R Y5V Z5U	OJ:6.3V 1A:10V 1C:16V 1E:25V 1H:50V 2A:100V 2E:250V 2J:630V 3D:2KV	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B:±0.10pF C: ±0.25pF D: ±0.50pF F: ± 1% G: ± 2% J: ± 5% K: ± 10% M: ± 20% Z:80-20%	T: T & R B: Bulk

## Taiyo Yuden: UMK212 B474KZ-T

## Hongda Capacitors P/N: HLC1206X7R104K500N

U	M	K	212	B	474	K	Z	-	T
Voltage	Ceramic Cap	Termination	Size	Dielectric	Capacitance	Tolerance	Thickness Option	Special Code	Packaging
A:4V J:6.3V L:10V E:16V T:25V G:35V U:50V H:100V Q:250V		K: Ni Barrier	063:0201 105:0402 107:0603 212:0805 316:1206 325:1210 432:1812 550:2220	CG:NPO CH:NPO CJ:NPO CK:NPO B7:X7R BJ:X5R F:Y5V	1 st two digits are significant, 3rd digit denotes number of zeros. 010: 1.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B:±0.10pF C: ±0.25pF D: ±0.50pF F: ± 1% G: ± 2% J: ± 5% K: ± 10% M: ± 20% Z:80-20%	C:0.2mm P:0.3mm V:0.5mm Z:0.8mm	-: Standard	F: 7" T & R, 2mm pitch T: 7" T & R, 4mm pitch B: Bulk

# Surface Mount MLCC Capacitor X-Reference Guide

## Venkel: C0805X7R500474KNE

## Hongda Capacitors P/N: HLC1206X7R104K500N

C	0805	X7R	500	474	K	N	Marking	E
Cap Series	Size	Dielectric	Voltage	Capacitance	Tolerance	Termination	Marking	Packaging
	0201 0402 0603 0805 1206 1210 1812 2220	NPO X7R X5R Z5U Y5V	100:10V 160:16V 250:25V 500:50V 101:100V 251:250V 501:500V 102:1KV 202:2KV 302:3KV	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	B:±0.10pF C: ±0.25pF D: ±0.50pF F: ± 1% G: ± 2% J: ± 5% K: ± 10% M: ± 20% Z:80-20%	N: Ni Barrier P: Pd/Ag G: Gold/Ni	Blank: Unmarked 2: Color Code 6: Marked	P: Paper E: Plastic B: Bulk

## Vishay/Vitramon: VJ0805Y474KXAAT

## Hongda Capacitors P/N: HLC1206X7R104K500N

VJ	0805	Y	474	K	X	A	A	T
Vishey Cap	Size	Dielectric	Capacitance	Tolerance	Termination	Voltage	Marking	Packaging
	0201 0402 0603 0805 1206 1210 1808 1812 1825 2220 2225 3640	A,N:NPO Y:X7R G: X5R H:X8R V: Y5V	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF 473: 0.047uF	B:±0.10pF C: ±0.25pF D: ±0.50pF F: ± 1% G: ± 2% J: ± 5% K: ± 10% M: ± 20% Z:80-20%	X: Ni Barrier P: Pd/Ag	S: 4V Y: 6.3V Q: 10V J: 16V X:25V A:50V B:100V C:200V P: 250V E:500V G:1KV F: 2KV H: 3KV	A: Unmarked M: Marked	T: 7" Plastic R: 13" Plastic C: 7" Paper P: 13" Paper B: Bulk

# Surface Mount MLCC Capacitor X-Reference Guide

## Yageo: CC0805KKX7R9BB474

## Hongda Capacitors P/N: HLC1206X7R104K500N

CC	0805	K	K	X7R	9	BB	474
Cap Series	Size	Tolerance	Packaging	Dielectric	Voltage		Capacitance
	0402 0603 0805 1206 1210 1808 1812	B:±0.10pF C: ±0.25pF D: ±0.50pF F: ± 1% G: ± 2% J: ± 5% K: ± 10% M: ± 20% Z:80-20%	K: 7"Plastic F:13"Plastic R:7" Paper P:13" Paper C: Bulk	NPO X5R X7R Y5V	6:10V 7:16V 8:25V 9:50V 0:100V	BB used with X7R and Y5V. BN used for NPO	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF

## Walsin: 0805B474K500LT

## Hongda Capacitors P/N: HLC1206X7R104K500N

0805	B	474	K	500	L	T
Size	Dielectric	Capacitance	Tolerance	Voltage	Termination	Packaging
0201 0402 0603 0805 1206 1210 1808 1812	N:NPO B:X7R X:X5R F:Y5V	1 st two digits are significant, 3rd digit denotes number of zeros. R= Decimal 5R0: 5.0 pF 100: 10 pF 330: 33 pF 471: 470 pF 102: 1000 pF	A:±0.05pF B:±0.10pF C: ±0.25pF D: ±0.50pF F: ± 1% G: ± 2% J: ± 5% K: ± 10% M: ± 20% Z:80-20%	Two significant digits followed by # of zeros. R=decimal 4R0:4v 6R0:6.3V 100:10V 160:16V 250:25V 500:50V 101:100V 201: 200V 102: 1000V	L:Ag/Ni/Sn C:Cu/Ni/Sn	T: 7" Reel Q:10" Reel G:13" Reel B: Bulk C: Bulk Cassette