



MICROFARADS

**Hi
C-V**

Hi C-V Multilayer Ceramic Chip Capacitors

0805 B 476 K 6 **

Case Size (EIA) Dielectric Capacitance Tolerance Voltage Customer Spec

See Individual Specs

A	NPO/COG
B	X5R
C	X7R
G	Y5V
E	Z5U

Code	Voltage	Code	Voltage
4	4	3	25
6	6	D	35
Z	10	5	50
Y	16	1	100

Capacitance represented by three digits, in pF. First two digits are significant, third digit is number of zeroes.
"R" designates decimal point.

0R1	0.1pF
100	10pF
102	1000pF/.001uF
473	.047uF
226	22uF
107	100uF

B	±0.1pF	J	±5%
C	±0.25pF	K	±10%
D	±0.5pF	M	±20%
F	±1%	Z	+80/-20%
G	±2%	P	+100/-0%

**** Reserved for customer specification.**

B- Bulk; C- Cut Tape; all parts supplied on 7" reels unless otherwise specified.
Consult MicroFarads for any special characteristics.

MicroFarads 4040 Spencer Street, Torrance, CA, USA 90503
www.microfarads.com sales@microfarads.com





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01005					
TC	NPO		X7R	X5R	Y5V
WVDC	6.3	10/16	6.3/10	6.3	6.3
Max. Value	100pF	47pF	1000pF	.1uF	.1uF

0201						
TC	NPO	X7R		X5R		Y5V
WVDC	25	6.3/10	16	6.3	10	6.3
Max. Value	100pF	.01uF	1800pF	2.2uF	2.2uF	1uF

0402						
TC	NPO	X7R			X5R	
WVDC	25/50	6.3/10	16	25/50	6.3/10	16
Max. Value	1000pF	1uF	.22uF	.1uF	10uF	2.2uF
TC	Y5V					
WVDC	6.3	10	16/25	50		
Max. Value	2.2uF	1uF	.22uF	.1uF		

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0603							
TC	NPO			X7R			
WVDC	25/50	100	6.3/10	16	25	50/100	
Max. Value	5600pF	1000pF	4.7uF	2.2uF	1uF	.15uF	
TC	X5R			Y5V			
WVDC	6.3	10	16/25	6.3	10	16	25/50
Max. Value	47uF	22uF	10uF	22uF	10uF	2.2uF	1uF

0805								
TC	NPO		X7R					
WVDC	16~100	200	6.3	10/16	25	50	100	200
Max. Value	.01uf	2200pF	22uF	10uF	2.2uF	1uF	.12uF	.022uF
TC	X5R					Y5V		
WVDC	6.3	10	16	25	50	6.3	10/16	25/50
Max. Value	47uF	47uF	22uF	10uF	4.7uF	22uF	10uF	6.8uF

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1206										
TC	NPO				X7R					
WVDC	25	50	100	200	6.3	10/16	25	50	100	200
Max. Value	.1uF	.022uF	.01uF	5600pF	33uF	22uF	10uF	3.3uF	2.2uF	.12uF
TC	X5R			Y5V						
WVDC	6.3/10		16	25	6.3		10	16~50		
Max. Value	100uF		47uF	10uF	100uF		47uF	10uF		

1210							
TC	NPO		X7R				
WVDC	16~100	200	10	16	25/50	100	200
Max. Value	.022uF	6800pf	47uF	22uF	10uF	2.2uF	.18uF
TC	X5R		Y5V				
WVDC	6.3~16	25	6.3	10/16	25/35/50	100	200
Max. Value	100uF	22uF	68uF	33uF	10uF	2.2uF	.27uF

1808									
TC	NPO			X7R			Y5V		
WVDC	50/63	100	200	10-50	100	200	6.3~25	50/100	200
Max. Value	.022uF	.012uF	5600pF	2.2uF	.82uF	.18uF	2.2uF	1uF	.27uF

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1812							
TC	NPO			X7R			
WVDC	50/53	100	200	10	16/25	50/100	200
Max. Value	.1uF	.082uF	.01uF	33uF	22uF	3.3uF	.56uF
TC	X5R		Y5V				
WVDC	6.3/10	16/25	6.3/10	16	25/50	100	200
Max. Value	100uF	22uF	68uF	47uF	10uF	3.3uF	.56uF

1825						
TC	NPO		X7R			
WVDC	50/63	100/200	10/16	25/50	100/200	
Max. Value	.1uF	.012uF	2.2uF	1uF	.82uF	
TC	X5R	Y5V				
WVDC	6.3/10/16	6.3/10/16	25	50	100	200
Max. Value	100uF	10uF	6.8uF	1uF	.82uF	.47uF

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2220								
TC	NPO			X7R				
WVDC	50/63	100	200	10/16	25	50	100	200
Max. Value	.1uF	.056uF	.033uF	47uF	22uF	10uF	4.7uF	2.2uF
TC	X5R		Y5V					
WVDC	6.3	10/16/25	6.3/10/16	25	50	100	200	
Max. Value	100uF	47uF	100uF	33uF	22uF	10uF	2.2uF	

2225							
TC	NPO			X7R			
WVDC	50/63	100	200	10/16	25	50/100	200
Max. Value	.12uF	.082uF	.033uF	22uF	10uF	4.7uF	2.2uF
TC	X5R	Y5V					
WVDC	16/25	6.3/10/16	25	50	100	200	
Max. Value	100uF	100uF	33uF	22uF	10uF	2.2uF	

See 2014 MLCC catalog or individual spec sheets for full information.