


**Product Family:** [Multilayer Ceramic Capacitors -Microwave Series \(RF\)](#)

**Part Number Series:** [CRF Series](#)

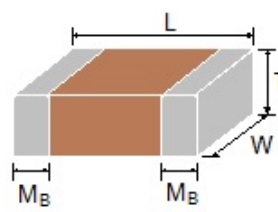


	<p><b>Construction:</b></p> <ul style="list-style-type: none"> <li>• High Frequency–Microwave Series</li> <li>• NPO dielectric material</li> <li>• Wrap around electrodes</li> <li>• 100% matte tin over Ni terminations (RoHS compliant)RoHS 2011/65/EU compliant and Pb Free (100% tin terminations)</li> </ul>	<p><b>Features:</b></p> <ul style="list-style-type: none"> <li>• 01005, 0201, 0402, 0603, and 0805. English sizes (0402 to 2012 Metric)</li> <li>• 0.1pF to 100pF capacitance range–high capacitance to size ratio</li> <li>• Tolerance of <math>\pm 0.05\text{pF}</math> to <math>\pm 5.0\%</math></li> <li>• 6.3V to 500V</li> <li>• High volume production suitable for commercial and special applications</li> </ul>
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**Description:**

These multilayer ceramic capacitors offer a High Q and low ESR performance at high frequency. They offer ultra low capacitance and high precision tolerance. They are ideal for telecom applications as they can improve the quality of telephone calls for low power loss and better performance.

**Product Dimensions:**

Outline	Size Inch (mm)	L (mm)	W (mm)	T (mm)/Symbol		Remark	M <sub>B</sub> (mm)
	01005 (0402)	0.40 $\pm$ 0.02	0.20 $\pm$ 0.02	0.20 $\pm$ 0.02	V	#	0.10 $\pm$ 0.03
	0201 (0603)	0.60 $\pm$ 0.03	0.30 $\pm$ 0.03	0.30 $\pm$ 0.03	L	#	0.15 $\pm$ 0.05
	0402 (1005)	1.00 $\pm$ 0.05	0.50 $\pm$ 0.05	0.50 $\pm$ 0.05	N	#	0.25 +0.05/-0.10
	0603 (1608)	1.60 $\pm$ 0.10	0.80 $\pm$ 0.10	0.80 $\pm$ 0.07	S		0.40 $\pm$ 0.15
		1.60 +0.15/-0.10	0.80 +0.15/-0.10	0.50 $\pm$ 0.10	H		
	0805 (2012)	2.00 $\pm$ 0.15	1.25 $\pm$ 0.10	0.60 $\pm$ 0.10	A		0.50 $\pm$ 0.20
2.00 $\pm$ 0.20		1.25 $\pm$ 0.20	0.85 $\pm$ 0.10	T			

# Reflow soldering only is recommended.

**Part Numbering:** Ex: CRFC0402N101A560J-T10

Series	Termination	English Size (Metric)	Dielectric Type	Rated Voltage	Internal Code	Capacitance Value in pF	Capacitance Tolerance	T&R Packaging Quantity
CRF	C = Cu/Ni/Sn	For 01005, use 0100 (0402) 0201 (0603) 0402 (1005) 0603 (1608) 0805 (2012)	N = NPO	3 digits with the first 2 being significant. The last digit specifies the number of zeros. "R" denotes decimal position as necessary. Ex. 6R3=6.3V 101=100V	A	3 digits with the first 2 being significant. The last digit specifies the number of zeros. "R" denotes decimal position as necessary.  Ex. 1R5=1.5pF 101=100pF	A = ±0.05pF B = ±0.1pF C = ±0.25pF D = ±0.5pF F = ±1.0% G = ±2.0% J = ±5.0%	-T4 = 4,000 -T10 = 10,000 -T15 = 15,000 -T20 = 20,000 -T50 = 50,000 -T70 = 70,000  (see packaging section for offering and corresponding reel diameter)

**PACKAGING DIMENSION AND QUANTITY**

Size	Thickness (mm)/Symbol		Paper tape	
			7" reel	13" reel
01005 (0402)	0.20±0.02	V	20,000	-
0201 (0603)	0.30±0.03	L	15,000	70,000
0402 (1005)	0.50±0.05	N	10,000	50,000
0603 (1608)	0.80±0.07	S	4,000	15,000
	0.50±0.10	H	4,000	-
0805 (2012)	0.60±0.10	A	4,000	15,000
	0.85±0.10	T	4,000	15,000

**Electrical Specifications:**

<b>Dielectric</b>	NPO
<b>English Size</b>	01005, 0201, 0402, 0603, 0805
<b>Capacitance*</b>	0.1pF to 100pF
<b>Capacitance tolerance</b>	Capacitance equal to or less than 5pF: A (±0.05pF), B (±0.1pF), C (±0.25pF) Capacitance greater than 5pF but less than 10pF: B (±0.1pF), C (±0.25pF), D (±0.5pF) Capacitance equal to or greater than 10pF: F (±1%), G (±2%), J (±5%)
<b>Rated voltage (WVDC)</b>	6.3V, 10V, 25V, 50V, 100V, 250V, 500V
<b>Q*</b>	For case sizes of 01005, 0201, 0402 with 25V to 50V rating: For Capacitance values of less than 30pF: Q ≥ 400+20C For Capacitance values of 30pF or greater: Q ≥ 1000 For case size of 0402 with 100V to 200V rating, or for case sizes of 0603, 0805: For Capacitance values of less than 30pF: Q ≥ 800+20C; For Capacitance values equal to or greater than 30pF: Q ≥ 1400
<b>Insulation resistance at Ur</b>	≥10GΩ or RxC≥100Ω-F whichever is smaller.
<b>Operating temperature</b>	-55 to +125°C
<b>Capacitance change</b>	±30ppm/°C For case size 0201 with capacitance equal to or greater than 22pF, ±60ppm/°C
<b>Termination</b>	Ni/Sn (lead-free termination)

\* Measured at the conditions of 25°C ambient temperature and 30~70% related humidity.

Apply 1.0±0.2Vrms, 1.0MHz±10% for Cap≤1000pF and 1.0±0.2Vrms, 1.0kHz±10% for Cap>1000pF.

**Capacitance Range—NPO Dielectric** (01005, English sizes):

DIELECTRIC		NPO		Tolerance
SIZE		01005		
RATED VOLTAGE (VDC)		16	25	
C 0 2 M 5 5 7 - 0 2	0.2pF (0R2)	V	V	A, B
	0.3pF (0R3)	V	V	A, B
	0.4pF (0R4)	V	V	A, B
	0.5pF (0R5)	V	V	A, B, C
	0.6pF (0R6)	V	V	A, B, C
	0.7pF (0R7)	V	V	A, B, C
	0.8pF (0R8)	V	V	A, B, C
	0.9pF (0R9)	V	V	A, B, C
	1.0pF (1R0)	V	V	A, B, C
	1.2pF (1R2)	V	V	A, B, C
	1.5pF (1R5)	V	V	A, B, C
	1.8pF (1R8)	V	V	A, B, C
	2.0pF (2R0)	V	V	A, B, C
	2.2pF (2R2)	V	V	A, B, C
	2.7pF (2R7)	V	V	A, B, C
	3.0pF (3R0)	V	V	A, B, C
	3.3pF (3R3)	V	V	A, B, C
	3.9pF (3R9)	V	V	A, B, C
	4.0pF (4R0)	V	V	A, B, C
	4.7pF (4R7)	V	V	A, B, C
	5.0pF (5R0)	V	V	A, B, C
	5.6pF (5R6)	V	V	B, C, D
	6.0pF (6R0)	V	V	B, C, D
	6.8pF (6R8)	V		B, C, D
	7.0pF (7R0)	V		B, C, D
	8.0pF (8R0)	V		B, C, D
8.2pF (8R2)	V		B, C, D	
9.0pF (9R0)	V		B, C, D	
10pF (100)	V	V	C, D, G	
12pF (120)	V	V	J	
15pF (150)	V	V	J	
20pF (200)	V	V	J	
22pF (220)	V	V	J	

**Capacitance Range—NPO Dielectric** (0201, 0402, English sizes):

DIELECTRIC		NPO								Tolerance
SIZE		0201				0402				
RATED VOLTAGE (VDC)		6.3	10	25	50	25	50	100	200	
C 0 2 0 1 — 0 4 0 2	0.1pF (0R1)	L	L	L	L	N	N	N	N	B
	0.2pF (0R2)	L	L	L	L	N	N	N	N	A, B
	0.3pF (0R3)	L	L	L	L	N	N	N	N	A, B
	0.4pF (0R4)	L	L	L	L	N	N	N	N	A, B
	0.5pF (0R5)	L	L	L	L	N	N	N	N	A, B, C
	0.6pF (0R6)	L	L	L	L	N	N	N	N	A, B, C
	0.7pF (0R7)	L	L	L	L	N	N	N	N	A, B, C
	0.8pF (0R8)	L	L	L	L	N	N	N	N	A, B, C
	0.9pF (0R9)	L	L	L	L	N	N	N	N	A, B, C
	1.0pF (1R0)	L	L	L	L	N	N	N	N	A, B, C
	1.1pF (1R1)	L	L	L	L	N	N	N	N	A, B, C
	1.2pF (1R2)	L	L	L	L	N	N	N	N	A, B, C
	1.3pF (1R3)	L	L	L	L	N	N	N	N	A, B, C
	1.4pF (1R4)	L	L	L	L	N	N	N	N	A, B, C
	1.5pF (1R5)	L	L	L	L	N	N	N	N	A, B, C
	1.6pF (1R6)	L	L	L	L	N	N	N	N	A, B, C
	1.7pF (1R7)	L	L	L	L	N	N	N	N	A, B, C
	1.8pF (1R8)	L	L	L	L	N	N	N	N	A, B, C
	1.9pF (1R9)	L	L	L	L	N	N	N	N	A, B, C
	2.0pF (2R0)	L	L	L	L	N	N	N	N	A, B, C
	2.1pF (2R1)	L	L	L	L	N	N	N	N	A, B, C
	2.2pF (2R2)	L	L	L	L	N	N	N	N	A, B, C
	2.3pF (2R3)	L	L	L	L	N	N	N	N	A, B, C
	2.4pF (2R4)	L	L	L	L	N	N	N	N	A, B, C
	2.5pF (2R5)	L	L	L	L	N	N	N	N	A, B, C
	2.6pF (2R6)	L	L	L	L	N	N	N	N	A, B, C
	2.7pF (2R7)	L	L	L	L	N	N	N	N	A, B, C
	2.8pF (2R8)	L	L	L	L	N	N	N	N	A, B, C
	2.9pF (2R9)	L	L	L	L	N	N	N	N	A, B, C
	3.0pF (3R0)	L	L	L	L	N	N	N	N	A, B, C
	3.1pF (3R1)	L	L	L	L	N	N	N	N	A, B, C
	3.2pF (3R2)	L	L	L	L	N	N	N	N	A, B, C
	3.3pF (3R3)	L	L	L	L	N	N	N	N	A, B, C
	3.4pF (3R4)	L	L	L	L	N	N	N	N	A, B, C
	3.5pF (3R5)	L	L	L	L	N	N	N	N	A, B, C
	3.6pF (3R6)	L	L	L	L	N	N	N	N	A, B, C
	3.7pF (3R7)	L	L	L	L	N	N	N	N	A, B, C
	3.8pF (3R8)	L	L	L	L	N	N	N	N	A, B, C
	3.9pF (3R9)	L	L	L	L	N	N	N	N	A, B, C
	4.0pF (4R0)	L	L	L	L	N	N	N	N	A, B, C
	4.1pF (4R1)	L	L	L	L	N	N	N	N	A, B, C
	4.2pF (4R2)	L	L	L	L	N	N	N	N	A, B, C
	4.3pF (4R3)	L	L	L	L	N	N	N	N	A, B, C
	4.4pF (4R4)	L	L	L	L	N	N	N	N	A, B, C
	4.5pF (4R5)	L	L	L	L	N	N	N	N	A, B, C
	4.6pF (4R6)	L	L	L	L	N	N	N	N	A, B, C
	4.7pF (4R7)	L	L	L	L	N	N	N	N	A, B, C
	4.8pF (4R8)	L	L	L	L	N	N	N	N	A, B, C
	4.9pF (4R9)	L	L	L	L	N	N	N	N	A, B, C
	5.0pF (5R0)	L	L	L	L	N	N	N	N	A, B, C
	5.1pF (5R1)	L	L	L	L	N	N	N	N	B, C, D
	5.2pF (5R2)	L	L	L	L	N	N	N	N	B, C, D
	5.3pF (5R3)	L	L	L	L	N	N	N	N	B, C, D
	5.4pF (5R4)	L	L	L	L	N	N	N	N	B, C, D
	5.5pF (5R5)	L	L	L	L	N	N	N	N	B, C, D
	5.6pF (5R6)	L	L	L	L	N	N	N	N	B, C, D
	5.7pF (5R7)	L	L	L	L	N	N	N	N	B, C, D
	5.8pF (5R8)	L	L	L	L	N	N	N	N	B, C, D
	5.9pF (5R9)	L	L	L	L	N	N	N	N	B, C, D
	6.0pF (6R0)	L	L	L	L	N	N	N	N	B, C, D

**Capacitance Range—NPO Dielectric** (0201, 0402, English sizes):

DIELECTRIC		NPO								Tolerance
		0201				0402				
SIZE		6.3	10	25	50	25	50	100	200	RATED VOLTAGE (VDC)
C a p a c i t a n c e	6.1pF (6R1)	L	L	L	L	N	N	N	N	
	6.2pF (6R2)	L	L	L	L	N	N	N	N	B, C, D
	6.3pF (6R3)	L	L	L	L	N	N	N	N	B, C, D
	6.4pF (6R4)	L	L	L	L	N	N	N	N	B, C, D
	6.5pF (6R5)	L	L	L	L	N	N	N	N	B, C, D
	6.6pF (6R6)	L	L	L	L	N	N	N	N	B, C, D
	6.7pF (6R7)	L	L	L	L	N	N	N	N	B, C, D
	6.8pF (6R8)	L	L	L	L	N	N	N	N	B, C, D
	6.9pF (6R9)	L	L	L	L	N	N	N	N	B, C, D
	7.0pF (7R0)	L	L	L	L	N	N	N	N	B, C, D
	7.1pF (7R1)	L	L	L	L	N	N	N	N	B, C, D
	7.2pF (7R2)	L	L	L	L	N	N	N	N	B, C, D
	7.3pF (7R3)	L	L	L	L	N	N	N	N	B, C, D
	7.4pF (7R4)	L	L	L	L	N	N	N	N	B, C, D
	7.5pF (7R5)	L	L	L	L	N	N	N	N	B, C, D
	7.6pF (7R6)	L	L	L	L	N	N	N	N	B, C, D
	7.7pF (7R7)	L	L	L	L	N	N	N	N	B, C, D
	7.8pF (7R8)	L	L	L	L	N	N	N	N	B, C, D
	7.9pF (7R9)	L	L	L	L	N	N	N	N	B, C, D
	8.0pF (8R0)	L	L	L	L	N	N	N	N	B, C, D
	8.1pF (8R1)	L	L	L	L	N	N	N	N	B, C, D
	8.2pF (8R2)	L	L	L	L	N	N	N	N	B, C, D
	8.3pF (8R3)	L	L	L	L	N	N	N	N	B, C, D
	8.4pF (8R4)	L	L	L	L	N	N	N	N	B, C, D
	8.5pF (8R5)	L	L	L	L	N	N	N	N	B, C, D
	8.6pF (8R6)	L	L	L	L	N	N	N	N	B, C, D
	8.7pF (8R7)	L	L	L	L	N	N	N	N	B, C, D
	8.8pF (8R8)	L	L	L	L	N	N	N	N	B, C, D
	8.9pF (8R9)	L	L	L	L	N	N	N	N	B, C, D
	9.0pF (9R0)	L	L	L	L	N	N	N	N	B, C, D
	9.1pF (9R1)	L	L	L	L	N	N	N	N	B, C, D
	9.2pF (9R2)	L	L	L	L	N	N	N	N	B, C, D
	9.3pF (9R3)	L	L	L	L	N	N	N	N	B, C, D
	9.4pF (9R4)	L	L	L	L	N	N	N	N	B, C, D
	9.5pF (9R5)	L	L	L	L	N	N	N	N	B, C, D
	9.6pF (9R6)	L	L	L	L	N	N	N	N	B, C, D
	9.7pF (9R7)	L	L	L	L	N	N	N	N	B, C, D
	9.8pF (9R8)	L	L	L	L	N	N	N	N	B, C, D
	9.9pF (9R9)	L	L	L	L	N	N	N	N	B, C, D
	10pF (100)	L	L	L	L	N	N	N	N	F, G, J
11pF (110)	L	L	L	L	N	N	N	N	F, G, J	
12pF (120)	L	L	L	L	N	N	N	N	F, G, J	
13pF (130)	L	L	L	L	N	N	N	N	F, G, J	
15pF (150)	L	L	L	L	N	N	N	N	F, G, J	
16pF (160)	L	L	L	L	N	N	N	N	F, G, J	
18pF (180)	L	L	L	L	N	N	N	N	F, G, J	
20pF (200)	L	L	L	L	N	N	N	N	F, G, J	
22pF (220)	L	L	L	L	N	N	N	N	F, G, J	
24pF (240)	L	L	L	L	N	N	N	N	F, G, J	
27pF (270)	L	L	L	L	N	N	N	N	F, G, J	
30pF (300)	L	L	L	L	N	N	N	N	F, G, J	
33pF (330)	L	L	L	L	N	N	N	N	F, G, J	
36pF (360)					N	N	N		F, G, J	
39pF (390)					N	N	N		F, G, J	
43pF (430)					N	N	N		F, G, J	
47pF (470)					N	N	N		F, G, J	
56pF (560)					N	N	N		F, G, J	
68pF (680)					N	N			F, G, J	
82pF (820)					N	N			F, G, J	
100pF (101)					N	N			F, G, J	

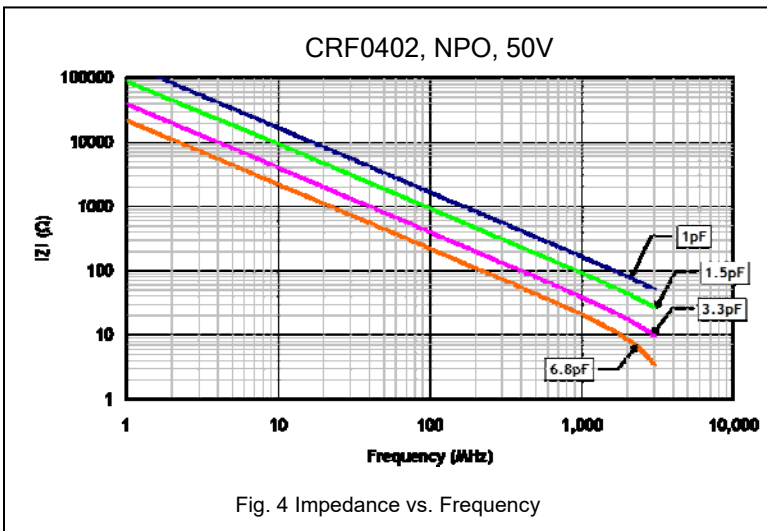
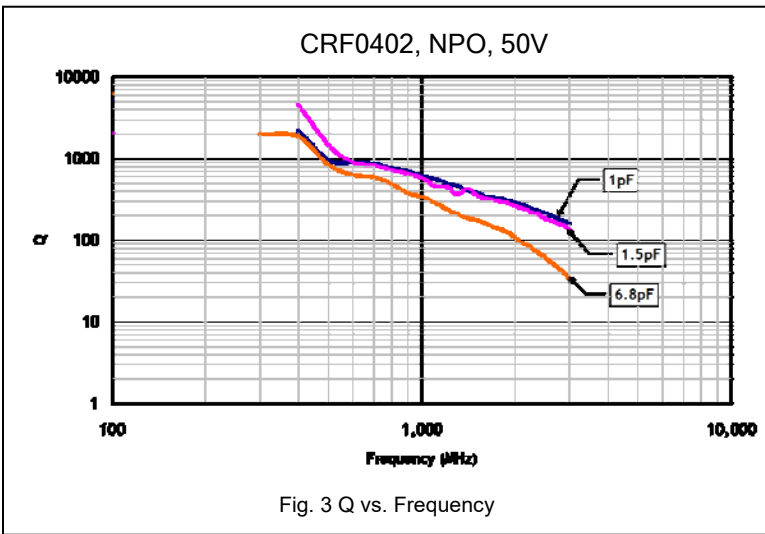
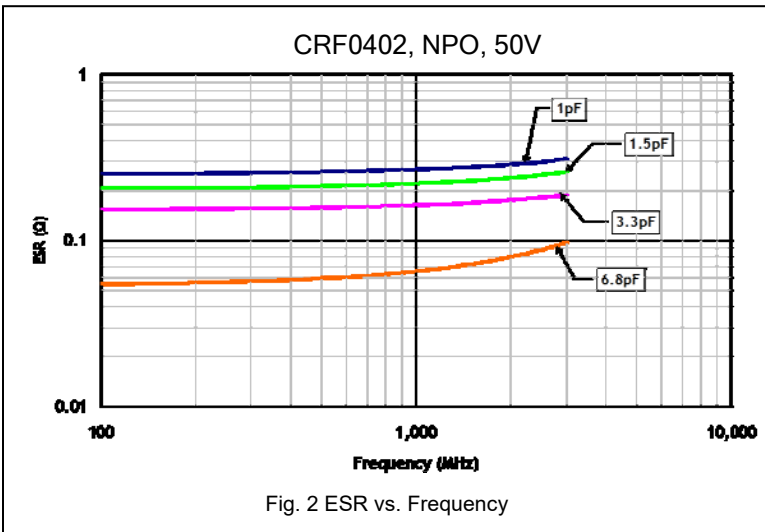
**Capacitance Range—NPO Dielectric** (0603, 0805, English sizes):

DIELECTRIC		NPO						Tolerance	
		0603			0805				
SIZE		50	100	250	50	100	250	500	
RATED VOLTAGE (VDC)		50	100	250	50	100	250	500	
C a p a c i t a n c e	0.1pF (0R1)	H	H	H					
	0.2pF (0R2)	H	H	H	A	A	A	A	
	0.3pF (0R3)	S	S	S	T	T	T	T	A, B
	0.4pF (0R4)	S	S	S	T	T	T	T	A, B
	0.5pF (0R5)	S	S	S	T	T	T	T	A, B, C
	0.6pF (0R6)	S	S	S	T	T	T	T	A, B, C
	0.7pF (0R7)	S	S	S	T	T	T	T	A, B, C
	0.8pF (0R8)	S	S	S	T	T	T	T	A, B, C
	0.9pF (0R9)	S	S	S	T	T	T	T	A, B, C
	1.0pF (1R0)	S	S	S	T	T	T	T	A, B, C
	1.1pF (1R1)	S	S	S	T	T	T	T	A, B, C
	1.2pF (1R2)	S	S	S	T	T	T	T	A, B, C
	1.3pF (1R3)	S	S	S	T	T	T	T	A, B, C
	1.4pF (1R4)	S	S	S	T	T	T	T	A, B, C
	1.5pF (1R5)	S	S	S	T	T	T	T	A, B, C
	1.6pF (1R6)	S	S	S	T	T	T	T	A, B, C
	1.7pF (1R7)	S	S	S	T	T	T	T	A, B, C
	1.8pF (1R8)	S	S	S	T	T	T	T	A, B, C
	1.9pF (1R9)	S	S	S	T	T	T	T	A, B, C
	2.0pF (2R0)	S	S	S	T	T	T	T	A, B, C
	2.1pF (2R1)	S	S	S	T	T	T	T	A, B, C
	2.2pF (2R2)	S	S	S	T	T	T	T	A, B, C
	2.3pF (2R3)	S	S	S	T	T	T	T	A, B, C
	2.4pF (2R4)	S	S	S	T	T	T	T	A, B, C
	2.5pF (2R5)	S	S	S	T	T	T	T	A, B, C
	2.6pF (2R6)	S	S	S	T	T	T	T	A, B, C
	2.7pF (2R7)	S	S	S	T	T	T	T	A, B, C
	2.8pF (2R8)	S	S	S	T	T	T	T	A, B, C
	2.9pF (2R9)	S	S	S	T	T	T	T	A, B, C
	3.0pF (3R0)	S	S	S	T	T	T	T	A, B, C
	3.1pF (3R1)	S	S	S	T	T	T	T	A, B, C
	3.2pF (3R2)	S	S	S	T	T	T	T	A, B, C
	3.3pF (3R3)	S	S	S	T	T	T	T	A, B, C
	3.4pF (3R4)	S	S	S	T	T	T	T	A, B, C
	3.5pF (3R5)	S	S	S	T	T	T	T	A, B, C
	3.6pF (3R6)	S	S	S	T	T	T	T	A, B, C
3.7pF (3R7)	S	S	S	T	T	T	T	A, B, C	
3.8pF (3R8)	S	S	S	T	T	T	T	A, B, C	
3.9pF (3R9)	S	S	S	T	T	T	T	A, B, C	
4.0pF (4R0)	S	S	S	T	T	T	T	A, B, C	
4.1pF (4R1)	S	S	S	T	T	T	T	A, B, C	
4.2pF (4R2)	S	S	S	T	T	T	T	A, B, C	
4.3pF (4R3)	S	S	S	T	T	T	T	A, B, C	
4.4pF (4R4)	S	S	S	T	T	T	T	A, B, C	
4.5pF (4R5)	S	S	S	T	T	T	T	A, B, C	
4.6pF (4R6)	S	S	S	T	T	T	T	A, B, C	
4.7pF (4R7)	S	S	S	T	T	T	T	A, B, C	
4.8pF (4R8)	S	S	S	T	T	T	T	A, B, C	
4.9pF (4R9)	S	S	S	T	T	T	T	A, B, C	
5.0pF (5R0)	S	S	S	T	T	T	T	A, B, C	
5.1pF (5R1)	S	S	S	T	T	T	T	B, C, D	
5.2pF (5R2)	S	S	S	T	T	T	T	B, C, D	
5.3pF (5R3)	S	S	S	T	T	T	T	B, C, D	
5.4pF (5R4)	S	S	S	T	T	T	T	B, C, D	
5.5pF (5R5)	S	S	S	T	T	T	T	B, C, D	
5.6pF (5R6)	S	S	S	T	T	T	T	B, C, D	
5.7pF (5R7)	S	S	S	T	T	T	T	B, C, D	
5.8pF (5R8)	S	S	S	T	T	T	T	B, C, D	
5.9pF (5R9)	S	S	S	T	T	T	T	B, C, D	
6.0pF (6R0)	S	S	S	T	T	T	T	B, C, D	

**Capacitance Range—NPO Dielectric** (0603, 0805, English sizes):

DIELECTRIC		NPO						Tolerance	
SIZE		0603			0805				
RATED VOLTAGE (VDC)		50	100	250	50	100	250	500	
Capacitance	6.1pF (6R1)	S	S	S	T	T	T	T	B, C, D
	6.2pF (6R2)	S	S	S	T	T	T	T	B, C, D
	6.3pF (6R3)	S	S	S	T	T	T	T	B, C, D
	6.4pF (6R4)	S	S	S	T	T	T	T	B, C, D
	6.5pF (6R5)	S	S	S	T	T	T	T	B, C, D
	6.6pF (6R6)	S	S	S	T	T	T	T	B, C, D
	6.7pF (6R7)	S	S	S	T	T	T	T	B, C, D
	6.8pF (6R8)	S	S	S	T	T	T	T	B, C, D
	6.9pF (6R9)	S	S	S	T	T	T	T	B, C, D
	7.0pF (7R0)	S	S	S	T	T	T	T	B, C, D
	7.1pF (7R1)	S	S	S	T	T	T	T	B, C, D
	7.2pF (7R2)	S	S	S	T	T	T	T	B, C, D
	7.3pF (7R3)	S	S	S	T	T	T	T	B, C, D
	7.4pF (7R4)	S	S	S	T	T	T	T	B, C, D
	7.5pF (7R5)	S	S	S	T	T	T	T	B, C, D
	7.6pF (7R6)	S	S	S	T	T	T	T	B, C, D
	7.7pF (7R7)	S	S	S	T	T	T	T	B, C, D
	7.8pF (7R8)	S	S	S	T	T	T	T	B, C, D
	7.9pF (7R9)	S	S	S	T	T	T	T	B, C, D
	8.0pF (8R0)	S	S	S	T	T	T	T	B, C, D
	8.1pF (8R1)	S	S	S	T	T	T	T	B, C, D
	8.2pF (8R2)	S	S	S	T	T	T	T	B, C, D
	8.3pF (8R3)	S	S	S	T	T	T	T	B, C, D
	8.4pF (8R4)	S	S	S	T	T	T	T	B, C, D
	8.5pF (8R5)	S	S	S	T	T	T	T	B, C, D
	8.6pF (8R6)	S	S	S	T	T	T	T	B, C, D
	8.7pF (8R7)	S	S	S	T	T	T	T	B, C, D
	8.8pF (8R8)	S	S	S	T	T	T	T	B, C, D
	8.9pF (8R9)	S	S	S	T	T	T	T	B, C, D
	9.0pF (9R0)	S	S	S	T	T	T	T	B, C, D
	9.1pF (9R1)	S	S	S	T	T	T	T	B, C, D
	9.2pF (9R2)	S	S	S	T	T	T	T	B, C, D
	9.3pF (9R3)	S	S	S	T	T	T	T	B, C, D
	9.4pF (9R4)	S	S	S	T	T	T	T	B, C, D
	9.5pF (9R5)	S	S	S	T	T	T	T	B, C, D
	9.6pF (9R6)	S	S	S	T	T	T	T	B, C, D
	9.7pF (9R7)	S	S	S	T	T	T	T	B, C, D
	9.8pF (9R8)	S	S	S	T	T	T	T	B, C, D
	9.9pF (9R9)	S	S	S	T	T	T	T	B, C, D
	10pF (100)	S	S	S	T	T	T	T	F, G, J
11pF (110)	S	S	S	T	T	T	T	F, G, J	
12pF (120)	S	S	S	T	T	T	T	F, G, J	
13pF (130)	S	S	S	T	T	T	T	F, G, J	
15pF (150)	S	S	S	T	T	T	T	F, G, J	
16pF (160)	S	S	S	T	T	T	T	F, G, J	
18pF (180)	S	S	S	T	T	T	T	F, G, J	
20pF (200)	S	S	S	T	T	T	T	F, G, J	
22pF (220)	S	S	S	T	T	T	T	F, G, J	
24pF (240)	S	S	S	T	T	T	T	F, G, J	
27pF (270)	S	S	S	T	T	T	T	F, G, J	
30pF (300)	S	S	S	T	T	T	T	F, G, J	
33pF (330)	S	S	S	T	T	T	T	F, G, J	
36pF (360)	S	S	S	T	T	T	T	F, G, J	
39pF (390)	S	S	S	T	T	T	T	F, G, J	
43pF (430)	S	S	S	T	T	T	T	F, G, J	
47pF (470)	S	S	S	T	T	T	T	F, G, J	
56pF (560)	S	S	S	T	T	T	T	F, G, J	
68pF (680)	S	S	S	T	T	T	T	F, G, J	
82pF (820)	S	S	S	T	T	T	T	F, G, J	
100pF (101)	S	S	S	T	T	T	T	F, G, J	

**Electrical Characteristics:**





**Electrical Characteristics (continued):**

