

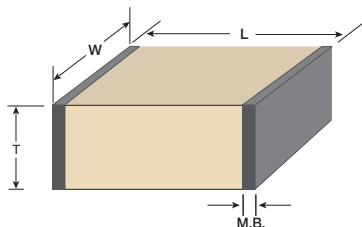
0201 HIGH Q NPO CERAMIC CAPACITORS FOR RF & MICROWAVE

PRESIDIO PART NUMBER	CAP. (pF)	TOL.	WVDC
0201NPO05M1N1N-	0.05	M	25
0201NPO0R1_1N1N-	0.1	A,B	25
0201NPO0R2_1N1N-	0.2	A,B	25
0201NPO0R3_1N1N-	0.3	A,B,C	25
0201NPO0R4_1N1N-	0.4	A,B,C	25
0201NPO0R5_1N1N-	0.5	A,B,C	25
0201NPO0R6_1N1N-	0.6	A,B,C	25
0201NPO0R7_1N1N-	0.7	A,B,C	25
0201NPO0R8_1N1N-	0.8	A,B,C	25
0201NPO0R9_1N1N-	0.9	A,B,C	25
0201NPO1R0_1N1N-	1.0	A,B,C	25
0201NPO1R1_1N1N-	1.1	A,B,C,D	25
0201NPO1R2_1N1N-	1.2	A,B,C,D	25
0201NPO1R3_1N1N-	1.3	A,B,C,D	25
0201NPO1R5_1N1N-	1.5	A,B,C,D	25
0201NPO1R6_1N1N-	1.6	A,B,C,D	25
0201NPO1R8_1N1N-	1.8	A,B,C,D	25
0201NPO2R0_1N1N-	2.0	A,B,C,D	25
0201NPO2R2_1N1N-	2.2	A,B,C,D	25
0201NPO2R4_1N1N-	2.4	A,B,C,D	25

PRESIDIO PART NUMBER	CAP. (pF)	TOL.	WVDC
0201NPO2R7_1N1N-	2.7	A,B,C,D	25
0201NPO3R0_1N1N-	3.0	A,B,C,D	25
0201NPO3R3_1N1N-	3.3	A,B,C,D	25
0201NPO3R6_1N1N-	3.6	A,B,C,D	25
0201NPO3R9_1N1N-	3.9	A,B,C,D	25
0201NPO4R3_1N1N-	4.3	A,B,C,D	25
0201NPO4R7_1N1N-	4.7	A,B,C,D	25
0201NPO5R1_1N1N-	5.1	A,B,C,D	25
0201NPO5R6_1N1N-	5.6	A,B,C,D	25
0201NPO6R2_1N1N-	6.2	A,B,C,D	25
0201NPO6R8_1N1N-	6.8	A,B,C,D	25
0201NPO7R5_1N1N-	7.5	A,B,C,D	25
0201NPO8R2_1N1N-	8.2	A,B,C,D	25
0201NPO9R1_1N1N-	9.1	A,B,C,D	25
0201NPO100_1N1N-	10	F,G,J,K	25
0201NPO110_1N1N-	11	F,G,J,K	25
0201NPO120_1N1N-	12	F,G,J,K	25
0201NPO130_1N1N-	13	F,G,J,K	25
0201NPO150_1N1N-	15	F,G,J,K	25
0201NPO160_1N1N-	16	F,G,J,K	25

PRESIDIO PART NUMBER	CAP. (pF)	TOL.	WVDC
0201NPO180_1N1N-	18	F,G,J,K	25
0201NPO200_1N1N-	20	F,G,J,K	25
0201NPO220_1N1N-	22	F,G,J,K	25
0201NPO240_1N1N-	24	F,G,J,K	25
0201NPO270_1N1N-	27	F,G,J,K	25
0201NPO300_1N1N-	30	F,G,J,K	25
0201NPO330_1N1N-	33	F,G,J,K	25
0201NPO360_1N1N-	36	F,G,J,K	25
0201NPO390_1N1N-	39	F,G,J,K	25
0201NPO430_1N1N-	43	F,G,J,K	25
0201NPO470_1N1N-	47	F,G,J,K	25
0201NPO510_1N1N-	51	F,G,J,K	25
0201NPO560_1N1N-	56	F,G,J,K	25
0201NPO620_1N1N-	62	F,G,J,K	25
0201NPO680_1N1N-	68	F,G,J,K	25
0201NPO750_1N1N-	75	F,G,J,K	25
0201NPO820_1N1N-	82	F,G,J,K	25
0201NPO910_1N1N-	91	F,G,J,K	25
0201NPO101_1N1N-	100	F,G,J,K	25

PART NUMBER CODES AND DIMENSIONS



Capacitance Codes for Multilayer Capacitor

First Two Digits = Significant Figures of Capacitance in Picofarads

Third Digit = Additional Number of Zeros

Examples:
 0R1 = 0.1 pF
 1R0 = 1 pF
 100 = 10 pF
 101 = 100 pF
 102 = 1,000 pF
 103 = 10,000 pF

Capacitance Tolerance Codes

Code	Tolerance	Cap Range
A	± 0.05 pF	< 10 pF
B	± 0.1 pF	< 10 pF
C	± 0.25 pF	< 10 pF
D	± 0.5 pF	< 10 pF
E	± 0.5%	≥ 10 pF
F	± 1%	≥ 10 pF
G	± 2%	≥ 10 pF
J	± 5%	≥ 10 pF
K	± 10%	≥ 10 pF
M	± 20%	≥ 10 pF

LENGTH (L) INCH (mm)	WIDTH (W) INCH (mm)	THICKNESS (T) INCH (mm)	METALIZATION BAND (M.B.) INCH (mm)
0.023 ± 0.002 (0.60 ± 0.05)	0.0130 ± 0.002 (0.325 ± 0.05)	0.013 MAX (0.33) MAX	0.002 (0.10) min. band 0.008 (0.20) min. space

Working Voltage

Code	WVDC
1	25

Packaging Codes

1 = Unmarked, Tape & Reel
 5 = Unmarked, Waffle Pack

RoHS

Code	Compliant
N	No
C	Yes

Termination Codes

Code	RoHS Comp.	Typical Application	Termination Build up	Recommended Reflow Temp.
N	No	Solder Reflow	90% Tin/10% Lead Plated Nickel Barrier Silver Base	220°C to 260°C Typical
T	Yes	Solder Reflow	100% Tin Plated Silver Base	220°C to 260°C Typical
P	Yes	Conductive Epoxy	Palladium-Silver Non-Magnetic	Cure Epoxy as per Manufacturer's Spec.

Other terminations available. Please contact factory.

Presidio's NPO capacitors can be upscreened to SPACE LEVEL testing.
 Consult the factory for details. Some voltage derating may apply.

PART NUMBER EXAMPLE (How to Order)

0201	NPO	5R1	C	1	T	1	C	—
Size	Dielectric (High Q NPO)	Capacitance (5.1 pF)	Capacitance Tolerance (±0.25 pF)	Voltage (25V)	Termination (Plated Sn)	Packaging (Tape & Reel)	RoHS Compliant	Design-In Code (See Web Link)



PRESIDIO COMPONENTS, INC.

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A WORD TO THE DESIGN ENGINEER

About Presidio “Design In” Codes

After the design work is done, outsourcing manufacturing on a global basis is a management option. At Presidio Components, we are striving for complete customer satisfaction which includes “after” service for all of our products.

We added a “Design In” locator code for quick traceability, if needed. Please select your location from the list below and add the appropriate code at the end of the part number.

If you need assistance give us a call at **(858) 578-9390** or email us at **info@presidiocomponents.com**.

UNITED STATES

OUTSIDE THE UNITED STATES

USA	Code	USA	Code	Americas	Code	Europe	Code
Alabama	G	Nebraska	P	Canada	R	Austria	3
Alaska	P	Nevada, North	B	Mexico	R	Belgium	1
Arizona	D	Nevada, South	C	Caribbean	R	Denmark	5
Arkansas	P	New Hampshire	L	Central America	R	Finland	5
California, North	B	New Jersey	J	South America	R	France	2
California, South	C	New Mexico	D			Germany	3
Colorado	E	New York, Metro	J	Pacific Rim		Ireland	6
Connecticut	L	New York, Upstate	K	Australia	S	Italy	4
Delaware	I	North Carolina	G	China	T	Luxembourg	1
District of Columbia	H	North Dakota	O	Japan	U	Netherlands	1
Florida	G	Ohio	M	Korea, South	V	Norway	5
Georgia	G	Oklahoma	P	Malaysia	W	Sweden	5
Hawaii	P	Oregon	A	Singapore	X	Switzerland	3
Idaho	A	Pennsylvania	I	Other Pacific Rim Countries	Y	United Kingdom	6
Illinois	N	Rhode Island	L			Other European Countries	7
Indiana	M	South Carolina	G				
Iowa	O	South Dakota	O			Other	
Kansas	P	Tennessee	G			India	Z
Kentucky	M	Texas	F			Israel	8
Louisiana	P	Utah	E			Rest of World	9
Maine	L	Vermont	L				
Maryland	H	Virginia	H				
Massachusetts	L	Washington	A				
Michigan	N	West Virginia	P				
Minnesota	O	Wisconsin, East	N				
Mississippi	G	Wisconsin, West	O				
Missouri	N	Wyoming	E				
Montana	A						

PART NUMBER EXAMPLE:

0505NPO101FAN1NA

**PART DESCRIPTION: Ceramic Capacitor,
0505, NPO, 100pF ± 1%,
150 VDC, Plated SnPb, Tape and Reel,
Non RoHS, Design-In Code A for
Washington State.**



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