



Custom & Engineering Design Kits

PPI Passive Plus Inc.
RF & Microwave Components

Hi-Q Low ESR
Capacitor Design Kit
Size: .020" x .010"



0201N Series

TC = NPO
www.passiveplus.com

PPI Passive Plus Inc.
RF & Microwave Components

Hi-Q Low ESR
Capacitor Design Kit
Size: .040" x .020"



0402N Series

200V
.com

PPI Passive Plus Inc.
RF & Microwave Components

Hi-Q Low ESR
Capacitor Design Kit
Size: .060" x .030"



0603N Series

WVDC = 250V
www.passiveplus.com

PPI Passive Plus Inc.
RF & Microwave Components

Hi-Q Low ESR
Capacitor Design Kit
Size: .070" x .080"



0708N Series

TC = NPO
www.passiveplus.com

PPI Passive Plus Inc.
RF & Microwave Components

Hi-Q Low ESR
Capacitor Design Kit
Size: .080" x .050"



0805N Series

TC = NPO WVDC = 250V
www.passiveplus.com

PPI Passive Plus Inc.
RF & Microwave Components

Hi-Q Low ESR
Capacitor Design Kit
Size: .110" x .110"



1111N Series

TC = NPO WVDC = 500V
www.passiveplus.com

PPI Passive Plus Inc.
RF & Microwave Components

Hi-Q Low ESR
Capacitor Design Kit
Size: .055" x .055"



0505C Series

TC = NPO WVDC = 150V
www.passiveplus.com

PPI Passive Plus Inc.
RF & Microwave Components

Hi-Q Low ESR
Capacitor Design Kit
Size: .110" x .110"



1111C Series

TC = NPO WVDC = 500V
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PPI Passive Plus Inc.
RF & Microwave Components

Hi-Q Low ESR
Capacitor Design Kit
Size: .055" x .055"



0505P Series

TC = P90 WVDC = 150V
www.passiveplus.com

PPI Passive Plus Inc.
RF & Microwave Components

Hi-Q Low ESR
Capacitor Design Kit
Size: .110" x .110"



1111P Series

TC = P90 WVDC = 500V
www.passiveplus.com

 

0505 & 1111 case size kits
are available in
Magnetic & Non-Magnetic
Terminations

According to the customer's demand, PPI can provide many kinds of tool kits for engineers to design and debug the circuit. All of our products satisfy the requirement of RoHS instruction.

PPI also offers kits for Non-Magnetic MRI applications. Engineering design kits are also available in multiple sizes as well. All kits are RoHS Compliant.



≠ High Q Capacitor Design Kits

Kit Number MAGNETIC	Kit Number NON- MAGNETIC	Value Range	Values	Tolerance
DKD0505C01 DKD0505P01	DKD0505C05 DKD0505P05	0.1pF - 2.0pF	0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.5, 1.6, 1.8, 2.0	±.1pF
DKD0505C02 DKD0505P02	DKD0505C06 DKD0505P06	1.0pF - 10pF	1.0, 1.2, 1.5, 1.8, 2.0, 2.2, 2.4, 2.7, 3.0, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2 10	±.1pF ±5%
DKD0505C03 DKD0505P03	DKD0505C07 DKD0505P07	10pF - 100pF	10, 12, 15, 18, 20, 22, 24, 27, 30, 33, 39, 47, 56, 68, 82, 100	±5%
DKD0505C04	DKD0505C08	100pF - 1000pF	100, 120, 150, 180, 200, 220, 240, 270, 300, 330, 390, 470, 560, 680, 820, 1000	±5%
DKD1111C01 DKD1111P01	DKD1111C05 DKD1111P05	1.0pF - 10pF	1.0, 1.2, 1.5, 1.8, 2.0, 2.2, 2.4, 2.7, 3.0, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2 10	±.1pF ±5%
DKD1111C02 DKD1111P02	DKD1111C06 DKD1111P06	10pF - 100pF	10, 12, 15, 18, 20, 22, 24, 27, 30, 33, 39, 47, 56, 68, 82, 100	±5%
DKD1111C03 DKD1111P03	DKD1111C07 DKD1111P07	100pF - 1000pF	100, 120, 150, 180, 200, 220, 240, 270, 300, 330, 390, 470, 560, 680, 820, 1000	±5%
DKD1111C04 DKD1111P04	DKD1111C08 DKD1111P08	1000pF - 10000pF	1000, 1100, 1200, 1500, 1800, 2200, 2700, 3000, 3300, 3900, 4700, 5100, 5600, 10000	±5%

**± EIA Low ESR Design Kits**

Design Kit	Description	Values	Tolerance
DKD0201N01	0201N .1pF - 2.0pF	0.1, 0.2, 0.3, 0.5, 0.7, 0.8, 0.9, 1.0, 1.3, 1.5, 1.7, 1.9, 2.0	±.1pF
DKD0201N02	0201N 1.0pF - 10pF	1.0, 1.3, 1.5, 1.7, 1.9, 2.0, 2.2, 2.7, 3.0, 3.9, 4.7, 5.6, 6.8, 7.5, 8.2 10	±.1pF ±5%
DKD0201N03	0201N 10 - 100pF	10, 13, 15, 18, 20, 22, 27, 30, 39, 47, 56, 68, 75, 82, 91, 100	±5%
DKD0402N01	0402N .1pF - 2.0pF	0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.2, 1.5, 1.6, 1.8, 2.0	±.1pF
DKD0402N02	0402N 1.0pF - 10pF	1.0, 1.2, 1.5, 1.8, 2.0, 2.2, 2.4, 2.7, 3.0, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2 10	±.1pF ±5%
DKD0402N03	0402N 10pF - 33pF	10, 12, 13, 15, 16, 18, 20, 22, 24, 27, 30, 33	±5%
DKD0603N01	0603N .1pF - 2.0pF	0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.5, 1.6, 1.8, 2.0	±.1pF
DKD0603N02	0603N 1.0pF - 10pF	1.0, 1.2, 1.5, 1.8, 2.0, 2.2, 2.4, 2.7, 3.0, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2 10	±.1pF ±5%
DKD0603N03	0603N 10pF - 100pF	10, 12, 15, 18, 20, 22, 24, 27, 30, 33, 39, 47, 56, 68, 100pF	±5%
DKD0708N01	1.0pF to 10pF	1.0, 1.8, 2.2, 3.3, 3.6, 3.9, 4.3, 6.2, 6.8, 7.5, 8.2 10	±.1pF ±5%
DKD0708N02	10pF to 100pF	10, 11, 12, 13, 15, 16, 18, 20, 22, 24, 27, 30, 33, 39, 43, 47, 68, 100	±5%
DKD0805N01	0805N .1pF - 2.0pF	0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.2, 1.5, 1.6, 1.8, 2.0	±.1pF
DKD0805N02	0805N 1.0pF - 10pF	1.0, 1.2, 1.5, 1.8, 2.0, 2.2, 2.4, 2.7, 3.0, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2 10	±.1pF ±5%
DKD0805N03	0805N 10pF - 100pF	10, 12, 15, 18, 20, 22, 24, 27, 30, 33, 39, 47, 56, 68, 82, 100	±5%
DKD0805N04	0805N 10pF - 220pF	10, 15, 18, 20, 27, 30, 39, 47, 56, 68, 82, 100, 120, 150, 180, 220	±5%
DKD1111N01	1111N 1.0pF - 10pF	1.0, 1.2, 1.5, 1.8, 2.0, 2.2, 2.4, 2.7, 3.0, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2 10	±.1pF ±5%
DKD1111N02	1111N 10-100pF	10, 12, 15, 18, 20, 22, 24, 27, 30, 33, 39, 47, 56, 68, 82, 100	±5%
DKD1111N03	1111N 100-1000pF	100, 120, 150, 180, 200, 220, 240, 270, 300, 330, 390, 470, 560, 680, 820, 1000	±5%

≠ Engineer Adjustment Stick Kits

Adjustment Stick Kits for engineers for their in-circuit tuning prove to be valuable tools for the engineer enabling them to precisely tune a circuit board without running the risk of damaging the board while changing out capacitors. Now, engineers can “tweak” their boards using these adjustment sticks to determine the better values needed for their projects.



Design Kit	Value Range	Values	Tolerance
TSD0505C01	0.1 - 2.0	0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9, 1.0, 1.1, 1.2, 1.5, 1.6, 1.8, 2.0	± .1pF ± .25pF
TSD0505C02	1.0 - 10	1.0, 1.2, 1.5, 1.8, 2.0, 2.2, 2.4, 2.7, 3.0, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2, 10	± .25pF ± 5%pF
TSD0505C03	10 - 100	10, 12, 15, 18, 20, 22, 24, 27, 30, 33, 39, 47, 56, 68, 82, 100	± 5%pF
TSD0505C04	100 - 1000	100, 120, 150, 180, 200, 220, 240, 270, 300, 330, 390, 470, 560, 680, 820, 1000	± 5%pF
TSD1111C01	0.1 - 1.0	0.1, 0.2, 0.3, 0.4, 0.5, 0.6, 0.7, 0.8, 0.9 & 1.0	± .1pF ± .25pF
TSD1111C02	1.0 - 10	1.0, 1.2, 1.5, 1.8, 2.0, 2.2, 2.4, 2.7, 3.0, 3.3, 3.9, 4.7, 5.6, 6.8, 8.2, 10	± .25pF ± 5%pF
TSD1111C03	10 - 100	10, 12, 15, 18, 20, 22, 24, 27, 30, 33, 39, 47, 56, 68, 82 & 100	± 5%pF
TSD1111C04	100 - 1000	100, 120, 150, 180, 200, 220, 240, 270, 300, 330, 390, 470, 560, 680, 820, 1000	± 5%pF
TSD2225C01	1.0 - 100	1.0, 1.5, 2.2, 3.3, 4.7, 5.6, 6.8, 8.2, 10, 15, 22, 33, 47, 56, 68, 82 & 100	± .1pF ± .25pF ± 5%pF
TSD2225C02	100 - 2700	100, 150, 220, 330, 470, 560, 680, 820, 1000, 1500, 2200, 2700	± 5%pF

Values in the TSD0505C kits have a 150V.

Values in the TSD1111C kits have a 500V.

Voltages for the values in the TSD2225C kits will vary depending on value.

Custom Kits

According to the customer's demand, PPI can provide many kinds of tool kits for engineers to design and debug the circuit. All our products satisfy the requirement of RoHS instruction.

Passive Plus will develop a custom kit using the engineer's specific requirements for the engineer's projects (case size, temperature coefficient, value range, tolerances, voltages, and quantities per value). Once these requirements are determined, PPI will then provide customer with a price. Please contact PPI directly to start this process.

All kits are RoHS Compliant.





Custom & Engineering Design Kits

Custom Kits

