



NEW ATC SLC CUSTOM DESIGN KITS

NEW SLC Custom Design Kits - Call 631-622-4700 to Order

Kit #	Item#	Description	Cap. Value Range (pF)	Price
Kit 6100 	DK6100	116 Series Microcaps® 100 piece total, 10 values, 10 pieces per value	0.1 to 1000 pF	\$120.00
Kit 6150 	DK6150	116 Series Microcaps® 150 piece total, 15 values, 10 pieces per value	0.1 to 1000 pF	\$170.00

 = RoHS Compliant Products

ATC's SLC Custom Design Kits are based on the Quik Pick Selection Guide below. Select values from this list to build your custom Kit. For KIT 6100, select 10 different values from the Quik Pick List. You will receive 10 pieces of each value (total 100 pieces). For KIT 6150, select 15 values from the list. You will receive 10 pieces per value (total 150 pieces).

SLC Selection Guide – 3 to 5 Day Shipment

Series / Case Size (L & W)		116 R .015 (.381) nom.	116 T .025 (.635) nom.	116 U .035 (.889) nom.	116 X .050 (1.27) nom.
Cap (pF)	Cap Code	0.1 to 100 pF	0.2 to 330 pF	0.4 to 820 pF	0.8 to 1000 pF
0.1	0R1	116RA0R1A100TT			
0.2	0R2	116RBB0R2A100TT	116TA0R2A100TT		
0.3	0R3	116RBB0R3A100TT	116TA0R3A100TT		
0.4	0R4	116RCA0R4B100TT	116TA0R4A100TT	116UA0R4A100TT	
0.5	0R5	116RCA0R5B100TT	116TBB0R5A100TT	116UA0R5A100TT	
0.8	0R8	116RDB0R8B100TT	116TBB0R8B100TT	116UBB0R8A100TT	116XA0R8A100TT
1.0	1R0	116RDB1R0C100TT	116TCA1R0B100TT	116UBB1R0B100TT	116XA1R0A100TT
1.2	1R2	116RDB1R2C100TT	116TCA1R2B100TT	116UBB1R2B100TT	116XA1R2A100TT
2.7	2R7	116REA2R7M100TT	116TDB2R7C100TT	116UCA2R7C100TT	116XBB2R7C100TT
3	3R0	116REA3R0M100TT	116TDB3R0C100TT	116UCA3R0C100TT	116XBB3R0C100TT
3.6	3R6	116REA3R6M100TT	116TDB3R6D100TT	116UCA3R6D100TT	116XCA3R6C100TT
5.1	5R1	116REA5R1M100TT	116TDB5R1D100TT	116UDB5R1D100TT	116XCA5R1C100TT
10	100	116RF100M100TT	116TEA100K100TT	116UDB100K100TT	116XDB100J100TT
15	150	116RF150M100TT	116TEA150K100TT	116UEA150K100TT	116XDB150J100TT
22	220	116RGA220M100TT	116TEA220K100TT	116UEA220K100TT	116XDB220K100TT
27	270	116RGA270M100TT	116TF270K100TT	116UEA270K100TT	116XDB270K100TT
33	330	116RGA330M100TT	116TF330K100TT	116UEA330K100TT	116XEA330K100TT
47	470	116RG470M100TT	116TF470K100TT	116UF470K100TT	116XEA470K100TT
56	560	116RG560M100TT	116TF560K100TT	116UF560K100TT	116XEA560K100TT
68	680	116RK680M100TT	116TGA680K100TT	116UF680K100TT	116XEA680K100TT
82	820	116RK820M100TT	116TGA820K100TT	116UF820K100TT	116XEA820K100TT
100	101	116RL101M100TT	116TGA101K100TT	116UF101K100TT	116XF101K100TT
220	221		116TK221M100TT	116UG221M100TT	116XF221K100TT
330	331		116TL331M100TT	116UK331M100TT	116XGA331K100TT
470	471			116UK471M100TT	116XGA471K100TT
560	561			116UL561M100TT	116XG561M100TT
680	681			116UL681M100TT	116XK681M100TT
820	821			116UL821M100TT	116XK821M100TT
1000	102				116XK102M100TT

Inches (mm)

ATC Part Number Code

ATC Series: 116
 Case Size: X
 Dielectric Style: Max. 2 characters: A
 Capacitance Code: First 2 significant digits for capacitance. R=Decimal Point: 1R
 Indicates number of zeros following digits of capacitance in picofarads except for decimal values: 2
 Termination Code: Thin Film Gold (standard)
 Titanium Tungsten/Nickel/Gold (100 μ-inches gold finish minimum.)
 WVDC (in Volts): 3 significant digits, 100 Volts is standard.
 Capacitance Tolerance (see table below): A 100 TT

Code	A (pF)	B (pF)	C (pF)	D (pF)	F (%)	G (%)	J (%)	K (%)	M (%)
Tol.	± 0.05	± 0.1	± 0.25	± 0.5	± 1	± 2%	± 5	± 10	± 20%

The above part number refers to a 116 series, case size X, A dielectric, 1.2 pF, with a capacitance tolerance of A (±0.05pF), 100 WVDC, with thin film gold termination. ATC accepts orders for our parts using designations with or without the "ATC" prefix. Both methods of defining the part number are equivalent, i.e., part numbers referenced with the "ATC" prefix are interchangeable to parts referenced without the "ATC" prefix. Customers are free to use either in specifying or procuring parts from American Technical Ceramics.

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