

ATC MILITARY HIGH FREQUENCY 0402, 0603 AND 0805 NPO MLCs

ATC now offers military approved high frequency BP characteristic (NPO), fixed ceramic chip capacitors in standard EIA sizes. This offering consists of 0402, 0603 and 0805 industry standard case sizes in accordance with DSCC Drawings 05003, 05002 and 05001 respectively. This product is offered in several tested grades. The standard offering is supplied with Group A inspection per MIL-PRF-55681. Additional Group C options are shown below.

Part Number Nomenclature:

05002- 2R0 B C Z -

Drawing

Three-Digit Capacitance Code

The first two digits represent significant figures and the last digit specifies the number of zeros to follow. When fractional values of pF are required, the letter R shall be used to indicate the decimal point.

Voltage Code

VOLTAGE CODE TABLE					
Code	Z	A	B	C	K
Rated voltage (volts, dc)	25	50	100	200	250

Capacitance Tolerance Code

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

Group C Option

GROUP C OPTION	
Code	Option
C	Full Group C
L	2,000-Hr. life test only
M	1,000-Hr. life test only
H	Low Voltage Humidity only
n/a*	No Option

*(leave position blank)

TERMINATION FINISH

Code	Description
M	Pd-Ag
Z	Tinned* Barrier Termination

*(tin/lead alloy, with a min. of 4% Lead)

DSCC DWG. NUMBERS	EIA CASE SIZE
05003	0402
05002	0603
05001	0805

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ATC # 001-1015; Rev. A, 1/05

American Technical Ceramics



ATC North America
631-622-4700
sales@atceramics.com

ATC Europe
+46 8 6800410
sales@atceramics-europe.com

ATC Asia
+86-755-8366-4318
sales@atceramics-asia.com

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www.atceramics.com