

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:
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

Sales of ATC products are subject to the terms and conditions contained in American Technical Ceramics Corp. Terms and Conditions of Sale (ATC document#001-992 Rev. B 12/05). Copies of these terms and conditions will be provided upon request. They may also be viewed on ATC's website at www.atceramics.com/productfinder/default.asp. Click on the link for Terms and Conditions of Sale.

ATC has made every effort to have this information as accurate as possible. However, no responsibility is assumed by ATC for its use, nor for any infringements of rights of third parties which may result from its use. ATC reserves the right to revise the content or modify its product without prior notice.

©1998 American Technical Ceramics Corp. All Rights Reserved.

ATC # 001-1015; Rev. B, 8/08



A M E R I C A N T E C H N I C A L C E R A M I C S

ATC North America
+1-631-622-4700
sales@atceramics.com

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

ATC Asia
+86-755-2386-8759
sales@atceramics-asia.com



www.atceramics.com