

CABOT MICROELECTRONICS CORP  
 Form 4  
 November 15, 2004

**FORM 4**

UNITED STATES SECURITIES AND EXCHANGE COMMISSION  
 Washington, D.C. 20549

OMB APPROVAL

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Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

**STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP OF SECURITIES**

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person \*  
**PIKE DANIEL J**

2. Issuer Name and Ticker or Trading Symbol  
**CABOT MICROELECTRONICS CORP [CCMP]**

5. Relationship of Reporting Person(s) to Issuer  
 (Check all applicable)  
 Director  10% Owner  
 Officer (give title below)  Other (specify below)  
 Vice President, Operations

(Last) (First) (Middle)  
**C/O CABOT MICROELECTRONICS CORPORATION, 870 COMMONS DRIVE**

3. Date of Earliest Transaction (Month/Day/Year)  
**11/15/2004**

(Street)  
**AURORA, IL 60504**

4. If Amendment, Date Original Filed (Month/Day/Year)

6. Individual or Joint/Group Filing (Check Applicable Line)  
 Form filed by One Reporting Person  
 Form filed by More than One Reporting Person

(City) (State) (Zip)

**Table I - Non-Derivative Securities Acquired, Disposed of, or Beneficially Owned**

1. Title of Security (Instr. 3)	2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)	4. Securities Acquired (A) or Disposed of (D) (Instr. 3, 4 and 5)	5. Amount of Securities Beneficially Owned Following Reported Transaction(s) (Instr. 3 and 4)	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Ownership (Instr. 4)
			Code	V Amount (D) Price			
Common Stock	11/15/2004		M	12,000 A \$ 20	20,193.088	D	
Common Stock	11/15/2004		S	12,000 D \$ 40.4492	8,193.088	D	

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

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number.

**Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned**  
(e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transaction Code (Instr. 8)	5. Number of Derivative Securities Acquired (A) or Disposed of (D) (Instr. 3, 4, and 5)	6. Date Exercisable and Expiration Date (Month/Day/Year)	7. Title and Amount of Underlying Securities (Instr. 3 and 4)
				Code	V (A) (D)	Date Exercisable Expiration Date	Title Amount or Number of Shares
Stock Options (Right to buy)	\$ 20	11/15/2004		M	12,000	04/04/2000 04/04/2005	Common Stock 12,000
Stock Options (Right to buy)	\$ 48.91					12/11/2004 12/11/2013	Common Stock 60,000
Stock Options (Right to buy)	\$ 49.8					05/01/2003 05/01/2012	Common Stock 50,000
Stock Options (Right to buy)	\$ 51.37					12/11/2003 12/11/2012	Common Stock 54,000
Stock Options (Right to buy)	\$ 67.07					05/01/2002 05/01/2008	Common Stock 54,000

## Reporting Owners

Reporting Owner Name / Address	Relationships
	Director 10% Owner Officer Other
PIKE DANIEL J C/O CABOT MICROELECTRONICS CORPORATION 870 COMMONS DRIVE AURORA, IL 60504	Vice President, Operations

## Signatures

H. Carol  
Bernstein

11/15/2004

\_\_Signature of  
Reporting Person

Date

## Explanation of Responses:

\* If the form is filed by more than one reporting person, *see* Instruction 4(b)(v).

\*\* Intentional misstatements or omissions of facts constitute Federal Criminal Violations. *See* 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *see* Instruction 6 for procedure.

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