

KEMET CORP  
Form 8-A12B  
June 21, 2010

**UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION**

Washington, D.C. 20549

**FORM 8-A**

**FOR REGISTRATION OF CERTAIN CLASSES OF SECURITIES  
PURSUANT TO SECTION 12(b) OR (g) OF THE  
SECURITIES EXCHANGE ACT OF 1934**

**KEMET Corporation**

(Exact name of registrant as specified in its charter)

**Delaware**  
(State of incorporation or organization)

**57-0923789**  
(I.R.S. Employer Identification No.)

**2835 KEMET Way, Simpsonville, South Carolina**  
(Address of principal executive offices)

**29681**  
(Zip Code)

Securities to be registered pursuant to Section 12(b) of the Act

**Title of each class  
to be so registered**  
Common Stock

**Name of each exchange on which  
each class is to be registered**  
NYSE Amex

If this form relates to the registration of a class of securities pursuant to Section 12(b) of the Exchange Act and is effective pursuant to General Instruction A.(c), check the following box.  x

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If this form relates to the registration of a class of securities pursuant to Section 12(g) of the Exchange Act and is effective pursuant to General Instruction A.(d), check the following box.

Securities Act registration statement file number to which this form relates:

(if applicable).

Securities to be registered pursuant to Section 12(g) of the Act: **None**

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**INFORMATION REQUIRED IN REGISTRATION STATEMENT**

**Item 1. Description of Registrant's Securities to be Registered:**

The description of KEMET Corporation's (the Company) common stock, par value \$0.01 per share, under the caption Description of Capital Stock in the Prospectus forming a part of the Company's Registration Statement on Form S-3, as amended, initially filed with the Securities and Exchange Commission (the Commission) on June 5, 1995 (File No. 33-93092), is hereby incorporated by reference.

**Item 2. Exhibits.**

List below all exhibits filed as a part of the registration statement:

Pursuant to the Instructions as to Exhibits for Form 8-A, no exhibits are required to be filed, because no other securities of the Company are registered on the NYSE Amex and the securities registered hereby are not being registered pursuant to Section 12(g) of the Securities Exchange Act of 1934, as amended.

**SIGNATURE**

Pursuant to the requirements of Section 12 of the Securities Exchange Act of 1934, the Registrant has duly caused this registration statement to be signed on its behalf by the undersigned, thereto duly authorized.

(Registrant) KEMET CORPORATION

Date June 21, 2010

By /s/ R. James Assaf, Vice President, General Counsel & Secretary  
\*Print the name and title of the signing officer under his signature.