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**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
SCHEDULE 13D
(Amendment No. 3)**

Under the Securities Exchange Act of 1934

EMCORE CORPORATION

(Name of Issuer)

Common Stock

(Title of Class of Securities)

290846203

(CUSIP Number)

**Becker Drapkin Management, L.P.
Attn: Steven R. Becker
Attn: Matthew A. Drapkin
500 Crescent Court
Suite 230
Dallas, Texas 75201
(214) 756-6016**

With a copy to:

**Richard J. Birns, Esq.
Boies, Schiller & Flexner LLP
575 Lexington Avenue, 7th Floor
New York, NY 10022
(212) 446-2300**

**(Name, Address and Telephone Number of Person
Authorized to Receive Notices and Communications)**

December 5, 2013

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box: ☐

Note: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 240.13d-7 for other parties to whom copies are to be sent.

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

SCHEDULE 13D

CUSIP No. 781182100

1	NAME OF REPORTING PERSON / I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Becker Drapkin Management, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (See Instructions) OO	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) o	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Texas	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 826,514
	8	SHARED VOTING POWER 2,370,591
	9	SOLE DISPOSITIVE POWER 826,514
	10	SHARED DISPOSITIVE POWER 2,370,591
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,197,105	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) o	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 11.9%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IA, PN	

CUSIP No. 781182100		
1	NAME OF REPORTING PERSON / I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Becker Drapkin Partners (QP), L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (See Instructions) WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) o	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Texas	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 2,077,849
	8	SHARED VOTING POWER 0
	9	SOLE DISPOSITIVE POWER 2,077,849
	10	SHARED DISPOSITIVE POWER 0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,077,849	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) o	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 7.8%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN	

CUSIP No. 781182100		
1	NAME OF REPORTING PERSON / I.R.S. IDENTIFICATION NO. OF ABOVE PERSON. Becker Drapkin Partners, L.P.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (See Instructions) WC	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) o	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Texas	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 292,742
	8	SHARED VOTING POWER 0
	9	SOLE DISPOSITIVE POWER 292,742
	10	SHARED DISPOSITIVE POWER 0
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 292,742	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) o	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 1.1%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) PN	

CUSIP No. 781182100		
1	NAME OF REPORTING PERSON / I.R.S. IDENTIFICATION NO. OF ABOVE PERSON BC Advisors, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (See Instructions) OO	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) o	
6	CITIZENSHIP OR PLACE OF ORGANIZATION Texas	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 3,197,105
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 3,197,105
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,197,105	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) o	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 11.9%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IA, OO	

CUSIP No. 781182100		
1	NAME OF REPORTING PERSON / I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Steven R. Becker	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (See Instructions) OO	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) o	
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 3,197,105
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 3,197,105
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,197,105	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) o	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 11.9%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

CUSIP No. 781182100		
1	NAME OF REPORTING PERSON / I.R.S. IDENTIFICATION NO. OF ABOVE PERSON Matthew A. Drapkin	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (See Instructions) OO	
5	CHECK IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) o	
6	CITIZENSHIP OR PLACE OF ORGANIZATION United States	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0
	8	SHARED VOTING POWER 3,197,105
	9	SOLE DISPOSITIVE POWER 0
	10	SHARED DISPOSITIVE POWER 3,197,105
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,197,105	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) o	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 11.9%	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

This Amendment No. 3 to Schedule 13D amends and supplements the Schedule 13D filed with the Securities and Exchange Commission (the “SEC”) on October 15, 2013, Amendment No. 1 thereto, filed with the SEC on October 29, 2013, and Amendment No. 2 thereto, filed with the SEC on December 4, 2013, with respect to the shares of common stock, no par value (the “Common Stock”), of EMCORE Corporation, a New Jersey corporation (the “Issuer”).

Item 3. Source and Amount of Funds or other Consideration

Item 3 is amended and supplemented to add the following information for updating as of the date hereof:

The Reporting Persons expended an aggregate amount equal to \$14,741,796.20 (including commissions) to purchase 3,197,105 shares of Common Stock.

Item 5. Interest in Securities of the Issuer

Item 5 is amended and supplemented to add the following information for updating as of the date hereof:

(a), (b) The Reporting Persons may be deemed to beneficially own in the aggregate 3,197,105 shares of Common Stock. Based upon a total of 26,762,004 outstanding shares of Common Stock, as reported in the Issuer’s quarterly report on Form 10-Q for the period ending June 30, 2013 the Reporting Persons’ shares represent approximately 11.946% of the outstanding shares of Common Stock.

Becker Drapkin QP owns 2,077,849 shares of Common Stock (the “Becker Drapkin QP Shares”), which represent approximately 7.764% of the outstanding shares of Common Stock.

Becker Drapkin, L.P. owns 292,742 shares of Common Stock (the “Becker Drapkin, L.P. Shares”), which represent approximately 1.094% of the outstanding shares of Common Stock.

The Becker Drapkin QP Shares and Becker Drapkin, L.P. Shares are collectively referred to herein as the “Becker Drapkin Funds Shares”.

Becker Drapkin QP has the power to vote or to direct the vote of (and the power to dispose or direct the disposition of) the Becker Drapkin QP Shares. Becker Drapkin QP disclaims beneficial ownership of the Becker Drapkin, L.P. Shares.

Becker Drapkin, L.P. has the power to vote or to direct the vote of (and the power to dispose or direct the disposition of) the Becker Drapkin, L.P. Shares. Becker Drapkin, L.P. disclaims beneficial ownership of the Becker Drapkin QP Shares.

As general partner of the Becker Drapkin Funds, BD Management may be deemed to have the shared power to vote or direct the vote of (and the shared power to dispose or direct the disposition of) the Becker Drapkin Funds Shares. BD Management in its capacity as investment manager for the Managed Account has the sole power to vote or direct the vote of (and the sole power to dispose or direct the disposition of) 826,514 shares held by the Managed Account (the “Managed Account Shares”), which represent approximately 3.088% of the outstanding shares of Common Stock. BD Management disclaims beneficial ownership of the Becker Drapkin Funds Shares.

(c) The trading dates, number of shares of Common Stock purchased or sold, and the price per share of Common Stock for all transactions by the Reporting Persons in shares of Common Stock within the last 60 days, all of which were brokered transactions, are set forth below.

Name of Reporting Person	Date	Number of Shares Purchased (Sold)	Average Price per Share
Becker Drapkin Partners LP	12/05/2013	2,400	\$4.7400
Becker Drapkin Partners LP	12/05/2013	10,689	\$4.8366
Becker Drapkin Partners LP	12/05/2013	44,126	\$4.6551
Becker Drapkin Partners LP	12/06/2013	8,139	\$4.7741
Becker Drapkin Partners QP LP	12/05/2013	17,600	\$4.7400
Becker Drapkin Partners QP LP	12/05/2013	78,387	\$4.8366
Becker Drapkin Partners QP LP	12/05/2013	323,595	\$4.6551
Becker Drapkin Partners QP LP	12/06/2013	59,687	\$4.7741
Managed Account	12/05/2013	61,564	\$4.8366
Managed Account	12/05/2013	207,544	\$4.6551
Managed Account	12/06/2013	38,282	\$4.7741

Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer

Item 6 is amended and supplemented to add the following information for updating as of the date hereof:

On December 6, 2013, the Reporting Persons entered into the Joint Filing Agreement pursuant to which they agreed to the joint filing on behalf of each of them of statements on Schedule 13D with respect to the securities of the Issuer. Such Joint Filing Agreement is attached hereto as Exhibit 1.

Item 7. Material to Be Filed as Exhibits

Exhibit 1 Joint Filing Agreement, dated December 6, 2013, by and among Becker Drapkin Management, L.P.; Becker Drapkin Partners (QP), L.P., Becker Drapkin Partners, L.P.; BC Advisors, LLC; Steven R. Becker; and Matthew A. Drapkin

SIGNATURES

After reasonable inquiry and to the best of each of the undersigned's knowledge and belief, each of the undersigned, severally and not jointly, certifies that the information set forth in this statement is true, complete and correct.

Dated: December 6, 2013

BECKER DRAPKIN MANAGEMENT, L.P.

By: BC Advisors, LLC, its general partner

By: /s/Daniel A. Grossman

Name: Daniel A. Grossman

Title: Attorney-in-Fact

BECKER DRAPKIN PARTNERS (QP), L.P.

By: Becker Drapkin Management, L.P., its general partner

By: BC Advisors, LLC, its general partner

By: /s/Daniel A. Grossman

Name: Daniel A. Grossman

Title: Attorney-in-Fact

BECKER DRAPKIN PARTNERS, L.P.

By: Becker Drapkin Management, L.P., its general partner

By: BC Advisors, LLC, its general partner

By: /s/Daniel A. Grossman

Name: Daniel A. Grossman

Title: Attorney-in-Fact

BC ADVISORS, LLC

By: /s/Daniel A. Grossman

Name: Daniel A. Grossman

Title: Attorney-in-Fact

STEVEN R. BECKER

By: /s/Daniel A. Grossman

Name: Daniel A. Grossman

Title: Attorney-in-Fact

MATTHEW A. DRAPKIN

By: /s/Daniel A. Grossman

Name: Daniel A. Grossman

Title: Attorney-in-Fact

JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, each of the undersigned hereby agrees to the joint filing on behalf of each of them of a statement on Schedule 13D (including amendments thereto) with respect to the Common Stock of EMCORE Corporation, and that this Agreement be included as an Exhibit to such joint filing.

Each of the undersigned acknowledges that each shall be responsible for the timely filing of any statement (including amendments) on Schedule 13D, and for the completeness and accuracy of the information concerning him or it contained herein, but shall not be responsible for the completeness and accuracy of the information concerning the other persons making such filings, except to the extent that he or it knows or has reason to believe that such information is inaccurate.

Dated: December 6, 2013

[Signature Page Follows]

BECKER DRAPKIN MANAGEMENT, L.P.

By: BC Advisors, LLC, its general partner

By: /s/Daniel A. Grossman
Name: Daniel A. Grossman
Title: Attorney-in-Fact

BECKER DRAPKIN PARTNERS (QP), L.P.

By: Becker Drapkin Management, L.P., its general partner

By: BC Advisors, LLC, its general partner

By: /s/Daniel A. Grossman
Name: Daniel A. Grossman
Title: Attorney-in-Fact

BECKER DRAPKIN PARTNERS, L.P.

By: Becker Drapkin Management, L.P., its general partner

By: BC Advisors, LLC, its general partner

By: /s/Daniel A. Grossman
Name: Daniel A. Grossman
Title: Attorney-in-Fact

BC ADVISORS, LLC

By: /s/Daniel A. Grossman
Name: Daniel A. Grossman
Title: Attorney-in-Fact

STEVEN R. BECKER

By: /s/Daniel A. Grossman
Name: Daniel A. Grossman
Title: Attorney-in-Fact

MATTHEW A. DRAPKIN

By: /s/Daniel A. Grossman
Name: Daniel A. Grossman
Title: Attorney-in-Fact