

Prepared (Subject resp) jdnicao Nick Cao		No. FPM-ext-2026:40	
Approved (Document resp) jiddxia David Xie	Checked jidsuna	Date 6/5/2026	Rev A

For your Information

Receiver

“Sales and FAE world-wide”

“All of customers”

Product Notice-BMR685 Series

1 Products affected

Product	Input V_I [V]	Output V_O [V]	Output I_O [A]	R-status
BMR685x3xx/xxx*	36-75	50	26	R1B
BMR685x38x/80x*	36-75	50	26	R1A
BMR6852304/021	36-75	50	26	R1A

*This change affects all related product options in BMR685 series productions.

For more information about BMR685, see:

[fpm-techspec-bmr685 \(flexpowermodules.com\)](http://fpm-techspec-bmr685.flexpowermodules.com)

2 PCN classification

Minor change, there is no change to Form, Fit or Function.

3 Reason for the change

To improve assembly quality and production yield.

Prepared (Subject resp) jdnicao Nick Cao		No. FPM-ext-2026:40	
Approved (Document resp) jiddxiea David Xie	Checked jidsuna	Date 6/5/2026	Rev A

4 Change explanation

4.1 Remove the excess solder paste

A low-probability defect observed on the production line has been traced to excess solder paste thickness on the bottom side of the PCB, which interferes with the assembly of the ferrite core. Removing this excess solder paste improves assembly quality and increases production yield

5 Product verification

Electrical, mechanical and production verification tests have been performed according to Flex Power Modules' product approval process.

6 Test Results

Approved.

7 Safety approvals

Approved.

8 Date for product change

Product	Planned availability of samples	Cut-in date
BMR685x3xx/xxx	Jun 30 th ,2026	Aug 14 th , 2026

Prepared (Subject resp)		No.	
jidnico Nick Cao		FPM-ext-2026:40	
Approved (Document resp)	Checked	Date	Rev
jiddxia David Xie	jidlsuna	6/5/2026	A

9 Addendum

No response within 60 days will be taken as acceptance of this PCN. If acknowledgement is given, but no additional response within 60 days, it will be taken as acceptance.

If you have any questions, please do not hesitate to contact the undersigned.

Nick Cao
Product Manager

Flex Power Modules
+86 21 59903258-26231
E-mail: Nick.Cao@Flex.com