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1. PCN basic data

1.1 Company	LEM Life Energy Motion	LEM International SA Route du Nant d'Avril 152 1217 Meyrin Switzerland
1.2 PCN No.	PCN-051_2026_0-OMTP2612001	
1.3 Title of PCN	Adding a 2nd ultrasonic machine	
1.4 Product Category	Electronic module - Current sensor	
1.5 Issue date	2026/07/22	
1.6 PCN revision history (optional)	1.7 Issue date of previous revision (optional)	1.8 Delta to previous revision (optional)

Form provided by ZVEI - Revision 5.0

2. PCN Team

2.1 Contact supplier		
2.1.1 Name	Saravanakkumar Arumugam - Product Life Cycle Coordinator	
2.1.2 Phone		
2.1.3 Email	srm@lem.com	
2.2 Team supplier (optional)		
2.2.1 Name (optional)	2.2.2 Phone (optional)	2.2.3 Email (optional)
Stéphane Rollier - Product Life Cycle	0041227061449	sro@lem.com

3. Changes

No.	3.0 Ident	3.1 Category	3.2 Type of change
#1	SEM-EQ-02	EQUIPMENT	Production from a new equipment/tool which uses the same basic technology (replacement equipment or extension of existing equipment pool) without change of process.

4. Description of change

	Old	New
Change #1	Current ultrasonic machine	Current ultrasonic machine + a 2nd ultrasonic machine.

4.1 Anticipated impact on form, fit, function, reliability or processability?	2nd ultrasonic machine (from a different trademark but ensuring the same ultrasonic welding function vs the current ultrasonic machine) added in the production line process. Today: Currently, the DHAB production line operates with only one shared ultrasonic machine to realize the lower and upper case welding. Because of this sharing, the line can not run both configurations simultaneously. The same ultrasonic machine is used 2 times at 2 different moments with 2 different setting during the production process. Then the production process is interrupted at one point of time so that to use again the ultrasonic machine in a different setting for the higher case welding. Each time lower cover production is completed, the ultrasonic machine must be converted into the higher cover mode so that to proceed. This conversion interrupts the workflow and results in a bottleneck for productivity. Future: A second ultrasonic machine will be added along the production process so that not to interrupt the production workflow. The original first ultrasonic machine will realize the lower case welding and a second ultrasonic machine will realize the higher case welding along the production process. No impact on form, fit, function, reliability, data sheet, quality and product safety. Current process: LR stands for lower welding and HR for higher welding Process Flow (Before) <pre>graph LR; A[BMUS LR *H1] -- 1 --> B[PCBA Assembly]; B -- 2 --> C[Terminal Insert]; C -- 3 --> D[Core & Clamp Insert]; D -- 4 --> E[Wound Core assembly]; E -- 5 --> F[Oven]; F -- 6 --> G[Calmar]; G -- 7 --> H[Packing]; H -- 8 --> A;</pre> Future process: Process Flow (After) <pre>graph LR; A[BMUS LR *H1] -- 1 --> B[PCBA Assembly]; B -- 2 --> C[Terminal Insert]; C -- 3 --> D[Core & Clamp Insert]; D -- 4 --> E[Wound Core assembly]; E -- 5 --> F[BMUS HR *H2]; F -- 6 --> G[Oven]; G -- 7 --> H[Calmar]; H -- 8 --> I[Packing];</pre>
4.2 Reference parts with customer number (optional)	

5. Reason / motivation for change	
5.1 Motivation	To increase production capacity, avoid shortages on deliveries due to bottleneck on the current production line.
5.2 Additional explanation (optional)	

6. Marking of parts / traceability of change	
6.1 Description	No change in the marking of the parts. Traceability ensured by datecode.

7. Timing / schedule		
7.1 Date of qualification results	2026/10/06	According to enclosed tests plan called "DHAB S_118 25PCS 20260129 tests plan"
7.2 Last order date (optional)		
7.3 Last delivery date (optional)		
7.4 Intended start of delivery	2026/11/26	
7.5 Qualification samples available?		
7.6 Customer feedback required until	2026/08/27	

8. Qualification / validation			
8.1 Description (e.g. qual. plan/report, AEC-Q...)	According to enclosed tests plan called "DHAB S_118 25PCS 20260129 tests plan"		
8.2 Qualification report and qualification results	will be available at date	issue date	2026/10/06

9. Input to customer for risk assessment process

10. Attachments (e.g. new datasheet, additional documentation, pictures, process flow, sample plan, ...)

11. Affected parts									
11.1 Current						11.2 New (if applicable)			
11.1.1 Customer Part No.	11.1.2 Supplier Part Name	11.1.3 Supplier Part No. (optional)	11.1.4 Package Name	11.1.5 Part Description (optional)	11.1.6 Additional Part Information (optional)	11.2.2 Supplier Part Name	11.2.3 Supplier Part No. (optional)	11.2.4 Package Name	11.2.6 Additional Part Information (optional)
	DHAB S/101								
	DHAB S/106								
	DHAB S/113								
	DHAB S/114								
	DHAB S/118								

[illegible]

Customer Feedback/Approval Form

Form provided by ZVEI - Revision 5.0

Title of PCN:			
2nd source Magnetic Circuit material supplier			
Customer PCN No.		Supplier PCN No.	Saravana to fill

Please check the appropriate box below:

1. feedback to be provided within 3 weeks after the reception of the PCN.

☐	1. Feedback	date:	
☐	We agree with this proposed change for the parts as listed in chapter '11. Affected parts'. Approval letter will be sent in written form.		
☐	We agree with this proposed change schedule and will start with the PCN process. Approval letter will be sent in written form after evaluation.		
☐	We disapprove because:		
☐			
☐	Remark:		
☐			

2. feedback to be provided within 6 weeks after the reception of the PCN.

☐	2. Feedback	date:	
☐	We acknowledge qualification / validation as assigned in chapter 8 of the PCN.		
☐	We need more information:		
☐			
☐	We need the following samples:		
☐			
☐	Estimated closing date for PCN:		
☐			

☐	Final Feedback/Approval	date:	
☐			

Sender:	
Company:	

Name:	
Address/Location:	
Signature:	
Date:	

Please return to: [your Sales partner]	
Name:	Saravanakkumar Arumugam - Product Life Cycle Coordinator
Address/Location:	
Phone:	
Fax:	
Email:	Srm@lem.com

In case LEM does not receive any feedback within 6 weeks at the latest after PCN notification, LEM will assume:

- Customer acceptance to the change
- No need for samples
- No additional need

1. feedback to be provided within 3 weeks after the reception of the PCN.
2. feedback to be provided within 6 weeks after the reception of the PCN.

In case LEM does not receive any feedback within 6 weeks at the latest after PCN notification, LEM will assume:

- Customer acceptance to the change
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Based on the JEDEC Standard JESD46 standard (latest release)