



Life Energy Motion

# Product Change Notification

## PCN-081\_2021\_1-OMTB2132301

### Second source plastic case raw material

### HLSR series – **First date code**

Beijing, 07<sup>th</sup> June 2023

Based on the JEDEC Standard JESD46 standard (latest release)

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Dear customer,

To answer to continuous market requirement for improved performances, and in a permanent effort to improve the quality of its products, LEM intends to proceed to some modification on **HLSR series**.

#### Concerned products:

HLSR 10-P; HLSR 10-P/SP1; HLSR 10-P/SP33; HLSR 10-P/SP4; HLSR 10-P/SP6; HLSR 10-P/SP8;

HLSR 100-P/SP10; HLSR 100-P/SP14;

HLSR 120-P/SP10;

HLSR 16-P;

HLSR 20-P; HLSR 20-P/SP1; HLSR 20-P/SP3; HLSR 20-P/SP33;

HLSR 32-P; HLSR 32-P/SP1; HLSR 32-P/SP33;

HLSR 40-P; HLSR 40-P/SP33; HLSR 40-P/SP4;

HLSR 50-P; HLSR 50-P/SP3; HLSR 50-P/SP33; HLSR 50-P/SP4; HLSR 50-P/SP8;

HLSR 80-P/SP10; HLSR 80-P/SP12; HLSR 80-P/SP13;

HLSR 32-P T&R; HLSR 50-P T&R; HLSR 80-P/SP10 T&R;

HLSR 18-P/SPH00; HLSR 25-P/SPH00; HLSR 34-P/SPH00; HLSR 38-P/SPH00;





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HLSR 45-P/SPH00; HLSR 47-P/SPH00; HLSR 49-P/SPH00; HLSR 60-P/SPH00; HLSR 62-P/SPH00;  
HLSR 63-P/SPH00;  
HLSR 70-P/SPH10;

we confirm you that LEM is now producing the HLSR series according to the change explained hereafter and from the date code 723143.

Explanation on the date code:

- "7" means the production center, here LEM Electronics (China) Co., Ltd.
- "23" means the year of the production, here the year 2023
- "143" means the day of the production, here the 143<sup>rd</sup> day of the year 2023 (23<sup>rd</sup> May 2023)

**Change:**

➤ **Description of the technical change:**

Second source plastic case raw material at another supplier.

**Materials Properties Comparison between current and second source plastic raw material:**

	Current plastic raw material	Second source plastic raw material
Composition	PA6T/66-GF30	PA6T/66-GF30
CTI	600V	600V
Tensile module	10000 MPa	10500 MPa
Color	Black	Black
Melting temperature	310 °C	310 °C
Flame rating	V-0 (0.4mm)	V-0 (0.4mm)
RTI Elec	140 °C (0.4mm)	140 °C (0.4mm)
RTI Str	125 °C (0.75mm)	110 °C (0.75mm)

The both materials are virtually identical.





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➤ **Reason of the technical change:**

Risk of shortage at the current supplier of plastic raw material. To avoid deliveries issues.

**Impact on the product:**

- On the form: NO
- On the fit: NO
- On the function: NO
- On the reliability: NO
- On the data sheet: NO
- On the process: NO
- On the quality: NO
- On the functional safety characteristics: NO

**Schedule of the modification:**

Start of delivery of modified product	<b>From date code 723143 (23<sup>rd</sup> May 2023)</b>
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Sincerely yours,

Stéphane ROLLIER  
Product Manager

