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Wednesday 22<sup>nd</sup> October, 2014

Dear Customer,

**Re: Product Change Notification for Harwin product.**

As part of our continuous product improvement program, Harwin has updated part number S8411-45R - Battery Coin Cell Holder. This was undertaken because the original recommended PCB pad layout on the Technical Drawing did not fully align with the component under all tolerance conditions. Under certain tolerance conditions, the component feet could overhang the PCB SMT pads by a small amount.

The changes involve modifying the tolerances of the location holes, as well as some of the SMT pad dimensions, to provide more accurate positioning. Additional changes were also made to the location pin tolerances on the product itself. The revised connector continues to fit Harwin's original published PCB layout, but use of the updated footprint will ensure the risk of SMT pad overhang is eliminated.

The main differences are:

- The tolerances on the location pegs have been reduced to  $\pm 0.1\text{mm}$ . There has been no change to the actual part tooling.
- Location peg dimensions added to the product views on the Technical Drawing.
- PCB layout - hole diameter tolerances have been reduced.
- PCB layout - Changes to dimensions concerning the relation of the location hole positions to the SMT pads.
- Operating temperature range has been increased to  $-55^{\circ}\text{C}$  to  $+105^{\circ}\text{C}$ .

If you have any further questions regarding this letter, please do not hesitate to contact us.

Yours faithfully,

The Product Management Team  
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