

## Technical change to Board-to-Board connectors

Dear Madam or Sir,

the products of our OMNIMATE® Board-to-Board connectors will be changed after a transitional period.  
Please pass on this Product Change Notification (PCN) to your employees and, if applicable, to your customers.

### 1. General overview

Type of change: ☐ **short-term** (executed within the next 6 months)  
☒ **normal** (executed after 6 months)

### 2. General information

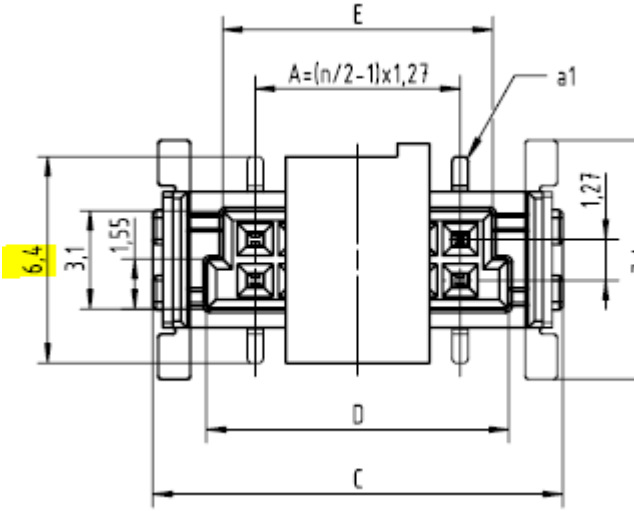
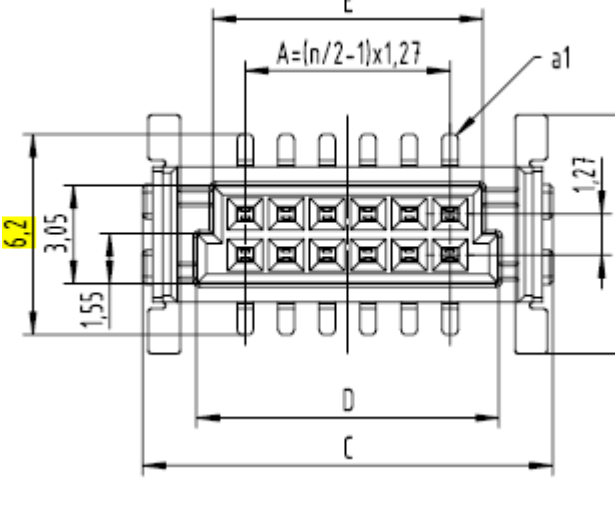
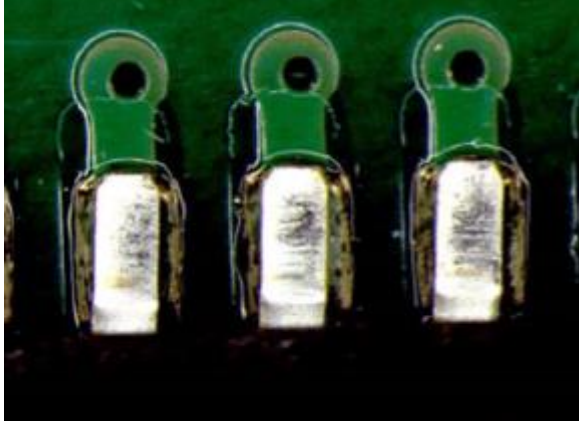

To enhance the automatic optical inspection process for our customers, we will be reducing the length of our solder pins. In the past, there were instances where the contact points protruded slightly, but this change will prevent such occurrences in the future. Moreover, the new dimensions will facilitate more clearly identifiable solder joints and the corresponding meniscus, resulting in improved controllability during the PCB assembly process.

Furthermore, we are planning to replace the pick-and-place pads for connectors with 12 or more pins. The larger pads will accommodate the use of larger standard nozzles, thereby increasing placement speeds.

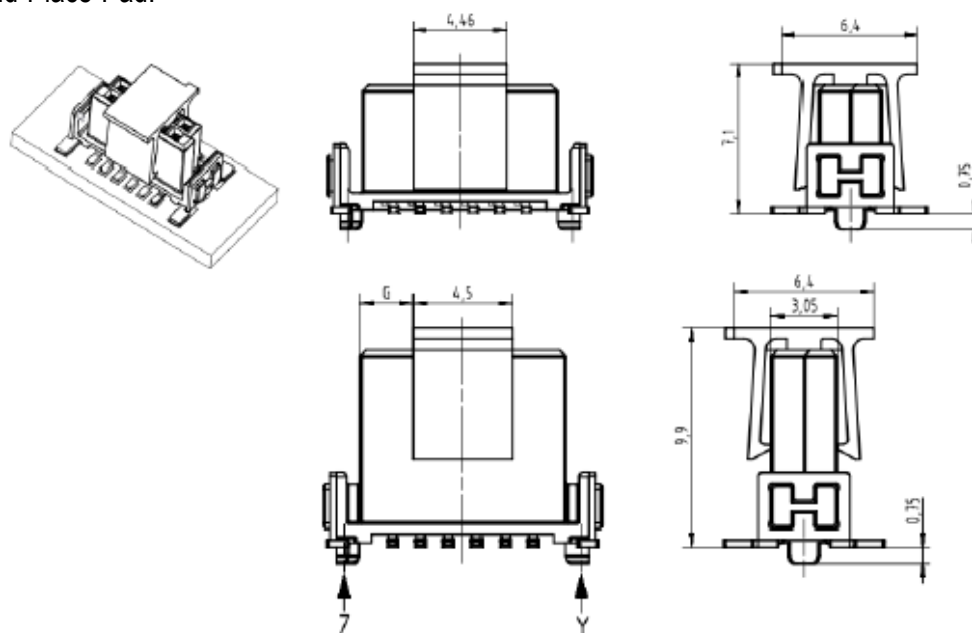
### 3. Change details

The measurement of the solder pins will be adjusted from 6.4mm to 6.2mm, with a tolerance of +/- 0.2mm. This change will enable a target solder meniscus of 0.2mm.

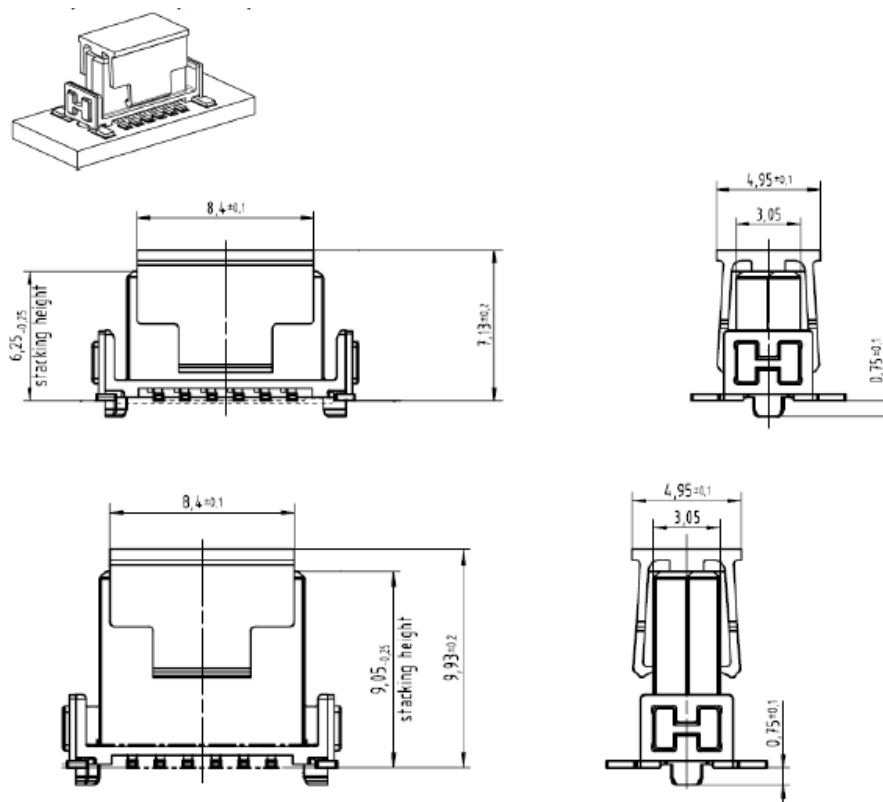
Furthermore, we will be upgrading the pick-and-place pads for the mentioned connectors that have 12 or more pins. These larger pads will allow for the utilization of standard nozzles with larger diameters, resulting in increased placement speeds.

Old design	New design
	
	

Old Pick-and-Place-Pad:



New Pick-and-Place-Pad:



## 4. Affected parts

Please see the below table for the affected articles

Material number	Short description
2747250000	FFH6 S1/12V F1 B RL
2747260000	FFH6 S1/16V F1 B RL
2747270000	FFH6 S1/20V F1 B RL
2747280000	FFH6 S1/26V F1 B RL
2747290000	FFH6 S1/32V F1 B RL
2747300000	FFH6 S1/40V F1 B RL
2747310000	FFH6 S1/50V F1 B RL
2747320000	FFH6 S1/68V F1 B RL
2747330000	FFH6 S1/80V F1 B RL
2747340000	FFH9 S1/12V F1 B RL
2747350000	FFH9 S1/16V F1 B RL
2747360000	FFH9 S1/20V F1 B RL
2747370000	FFH9 S1/26V F1 B RL
2747380000	FFH9 S1/32V F1 B RL
2747390000	FFH9 S1/40V F1 B RL
2747400000	FFH9 S1/50V F1 B RL
2747410000	FFH9 S1/68V F1 B RL
2747420000	FFH9 S1/80V F1 B RL

## 5. Timeline

These modifications will be implemented on April 1, 2024, and the existing inventory will be gradually phased out.

We hope that the changes will benefit your business and will not affect you in any significant way. We apologise in case of any inconvenience caused. Please rest assured that we will do everything possible to achieve this product change as smoothly as possible with minimum or no business disruption.

For further questions please contact your sales office directly. All contacts for sales representatives are available here: <https://www.weidmueller.com/contact>

Details of this and any other product changes can also be found in our Support Center by following the link: <https://support.weidmueller.com/support-center/popular-resources/product-change-notifications>

Best regards

Product Management

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