

Technical change to OMNIMATE Data RJ45 jacks, tinned shield solder pins

Dear Madam or Sir,

the below listed articles will be supplied in a modified revision. Please pass this product information on to your employees and, if needed, to your customers. All modifications are performed for reasons of product improvements.

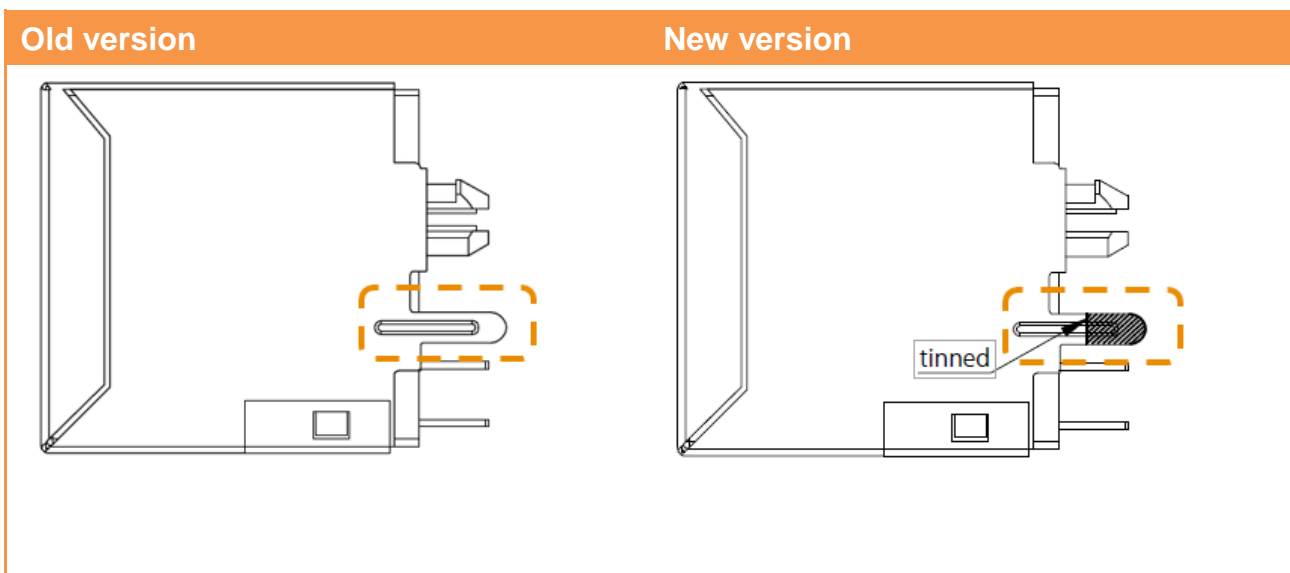
1. Initial situation

The metal shields of RJ45 jacks are usually nickel-plated. Base material: Copper alloy and surface material: 0.76-2.03µm nickel.

- Properties of nickel surface: Resistant against moisture, oxygen and weak acids. Largely insensitive to fingerprints.

2. Technical change

50% - 70% of the shield solder pin of shielded RJ45 jacks (OMNIMATE® Data) for the wave / reflow soldering process (THT / THR) will be selectively dip-tinned in the manufacturing process.



3. Reason for change

Due to the tinned surface, a better wetting property will be achieved in the soldering area, which leads to an optimal soldering result, even at a lower limit temperature. However, the above-mentioned properties for the remaining metal shield surface are completely unchanged.

4. Availability

- The order-no. won't be changed and remain as before.
- Production of the new version will start in W07 / 2019.
- From CW15 / 2019 the inventory will be changed fluently.
- Due to the unchanged order-no. a stock mixing cannot be ruled out. In order to avoid unnecessary costs and negative influence on delivery performance, no inventory clearance takes place.
- Mixing of old and new designs within a packaging is excluded.

5. Affected parts

| Part no. | Part description |
|-----------------|---------------------------|
| 1433800000 | RJ45C5 T1D 3.2N4N TY |
| 1433810000 | RJ45C5 T1V 3.2N4N TY |
| 1433910000 | RJ45C6 T1U 2.7N4N TY |
| 1455240000 | RJ45C5 T1U 2.8N4N TY |
| 1534750000 | RJ45M R1V 3.3N4YG/YG TY |
| 1534760000 | RJ45G1 R1V 3.3N4YG/YG TY |
| 2000890000 | RJ45C3 S1D 2.7N4N RL |
| 2036460000 | RJ45M T12D 3.3E4G/Y RL |
| 2036510000 | RJ45G1 R12D 3.3EYG/YG RL |
| 2436450000 | RJ45C5 T1V 4.0N4N TY |
| 2461060000 | RJ45M R1D 3.3N4Y/G TY |
| 2461070000 | RJ45M R1V 3.3N4Y/G TY |
| 2582680000 | RJ45M R1D 3.3N4Y/G TY SO |
| 2582690000 | RJ45M R1V 3.3N4Y/G TY SO |
| 2474160000 | RJ45M T1D 3.2E4N TY |
| 2485370000 | RJ45G1 R12D 3.3N4YG/YG RL |
| 2544500000 | RJ45G1 R12D 3.3EG/Y TY |
| 2544510000 | RJ45G1 R1D 3.3EG/Y TY |
| 2551900000 | RJ45M R12D 3.2N4G/Y RL |
| 2562140000 | RJ45M R1V 1.9YG/YG TY |
| 2562170000 | RJ45G R1V 1.9YG/YG4N TY |

| | |
|------------|-------------------------|
| 2562150000 | RJ45M R1V 1.9YG/YG RL |
| 2562160000 | RJ45G R1V 1.9YG/YG4N RL |
| 2562820000 | RJ45C5 T1D 3.2E4G/Y TY |
| 2562870000 | RJ45C5 R1D 3.2E4G/Y RL |
| 2562880000 | RJ45C5 T1U 2.8E4G/Y TY |
| 2562890000 | RJ45C3 S1U DE4G/Y RL |
| 2562900000 | RJ45C5 T1D 3.3E4N TY |
| 2562910000 | RJ45C5 R1D 3.3E4N RL |
| 2562920000 | RJ45C5 T1U 2.8E4N TY |
| 2562930000 | RJ45C5 R1U 3.3E4N RL |
| 2562950000 | RJ45C5 R1U 2.8N4G/Y RL |
| 2562960000 | RJ45C5 T1V 3.2N4G/Y TY |
| 2516380000 | RJ45C5 R1V 3.2N4G/Y TY |
| 2562970000 | RJ45C5 R1V 3.2N4N RL |
| 2563850000 | RJ45M T1D 3.3E4G/Y TY |
| 2564410000 | RJ45M R1D 3.3E4G/Y RL |
| 2564420000 | RJ45G1 T1D 3.2E4N TY |
| 2564440000 | RJ45G1 R1D 3.2E4N RL |
| 2564430000 | RJ45M R1D 3.2E4N RL |
| 2564450000 | RJ45M R1D 3.2E4N RL |

We are very sorry for all the inconveniences caused and doing everything to adjust this product change as smooth as possible without big influence on delivery times and general functions.

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

Best regards

Product Management

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Weidmüller – Your partner in Industrial Connectivity
We look forward to sharing ideas with you – **Let's connect.**