



Product / Process Change Notification (PCN)														
<input checked="" type="checkbox"/> Major change <input type="checkbox"/> Minor change														
PCN #: PCN_IndPD2A_20240312 Affected Series: WE-PD2A-4532; WE-PD2A-5848 PCN Date: October 12, 2023 Effective Date: March 12, 2024	Change Category: <input type="checkbox"/> Equipment / Location <input checked="" type="checkbox"/> General Data <input checked="" type="checkbox"/> Material <input checked="" type="checkbox"/> Process <input type="checkbox"/> Product Design <input type="checkbox"/> Shipping / Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Software													
Contact: Product Management Phone: +49 (0) 7942 - 945 5001 Fax: +49 (0) 7942 - 945 5179 E-Mail: pcn.eisos@we-online.com	Data Sheet Change: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Attachment: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No													
Description and purpose of change: To increase the production capability, Würth Elektronik will change the wire of the WE-PD2A, the soldering process of the line, and a TMP machine will be added. All products with date code 2023-11-27 or later, will be affected by this change.														
Detail of Change: The wire of the part will be changed from P155G2 to P180G1. Due to this higher wire temperature class, the operating temperature range of the part will be upgraded to -50 °C to +150 °C. The line process will also be updated as shown in the tables below.														
Before change														
<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th style="width: 15%;">P/N</th> <th style="width: 15%;">Wire Grade</th> <th style="width: 20%;">Temperature range</th> <th style="width: 15%;">Marking</th> <th style="width: 15%;">Prod. Process</th> <th style="width: 20%;">Reel Packing</th> </tr> </thead> <tbody> <tr> <td>784773xxx</td> <td rowspan="2">P155 G2</td> <td rowspan="2">-40 °C to 125 °C</td> <td rowspan="2">Ink</td> <td rowspan="2">Manual Line</td> <td rowspan="2">Inner layer with pearl wool</td> </tr> <tr> <td>784774xxx</td> </tr> </tbody> </table>		P/N	Wire Grade	Temperature range	Marking	Prod. Process	Reel Packing	784773xxx	P155 G2	-40 °C to 125 °C	Ink	Manual Line	Inner layer with pearl wool	784774xxx
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Reliability / Qualification Summary:

Product approval is according to the specification criteria and is internally released by the Product Management Department.

The following items are part of the internal release process:

- Visual Appearance
- Mechanical Dimensions (according as specified in the Data Sheet)
- Approval of production line
- High Temperature Exposure (MIL-STD-202-108)
- Operational Life (MIL-PRF-27)
- Vibration (MIL-STD-202-204)
- Resistance to Soldering Heat (J-STD-020)
- Solderability (IPC-A-610)