



| Product / Process Change Notification (PCN) | | | | | |
|---|---|----------------------------|--|--|--|
| <input checked="" type="checkbox"/> Major change <input type="checkbox"/> Minor change | | | | | |
| <p>PCN #: PCN_IndPMI_20220801</p> <p>Affected Series: WE-PMI; 74479xxxxxx</p> <p>PCN Date: April 29, 2022</p> <p>Effective Date: August 01, 2022</p> | <p>Change Category:</p> <input checked="" type="checkbox"/> Equipment / Location <input type="checkbox"/> General Data <input type="checkbox"/> Material <input type="checkbox"/> Process <input type="checkbox"/> Product Design <input type="checkbox"/> Shipping / Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Software | | | | |
| <p>Contact: Product Management</p> <p>Phone: +49 (0) 7942 - 945 5001</p> <p>Fax: +49 (0) 7942 - 945 5179</p> <p>E-Mail: pcn.eisos@we-online.com</p> | <p>Data Sheet Change:</p> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <p>Attachment:</p> <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | | | | |
| <p>Description and purpose of change:</p> <p>To increase the production capability, Würth Elektronik will release an additional production location. There will be no change in form, fit, function, quality or reliability of the product.</p> | | | | | |
| <p>Detail of Change:</p> <p>Neither quality, electrical nor mechanical properties of the parts will be changed. No datasheet change. All dimensions and standard packaging quantity will remain the same.</p> | | | | | |
| <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left; padding: 2px;">Already established production sites</th> <th style="text-align: left; padding: 2px;">Additional production site</th> </tr> </thead> <tbody> <tr> <td style="padding: 2px;"> Lot number beginning with 246 Country of Origin: China Lot number beginning with 437 Country of Origin: Vietnam </td> <td style="padding: 2px;"> Lot number beginning with 241 Country of Origin: Taiwan Lot number beginning with 126 Country of Origin: Taiwan </td> </tr> </tbody> </table> | Already established production sites | Additional production site | Lot number beginning with 246 Country of Origin: China Lot number beginning with 437 Country of Origin: Vietnam | Lot number beginning with 241 Country of Origin: Taiwan Lot number beginning with 126 Country of Origin: Taiwan | |
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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 Parameters (according to the specifications in the Datasheet)
- Electrical Parameters (according to the specifications in the Datasheet)

Please see the Reliability Overview as below. All Tests were passed

| | Test | Qty | Reference | Test conditions |
|---|-------------------------------------|-----|------------------------|---|
| 1 | High Temperature Exposure (Storage) | 30 | MIL-STD-202 Method 108 | 125°C, 1000 hrs. |
| 2 | Temperature Cycling | 30 | JESD22 Method JA-104 | 1000 cycles (-40°C to +125°C). |
| 3 | Biased Humidity | 30 | MIL-STD-202 Method 103 | 1000 hours , 85°C, 85%RH. Unpowered. |
| 4 | Operational Life | 30 | MIL-PRF-27 | 1000 hrs. , 105°C. Unpowered. |
| 5 | Resistance to Soldering Heat | 30 | MIL-STD-202 Method 210 | Condition B, No pre-heat of samples. solder temperature : 260 ±5°C Dip time : 10 ±1sec |
| 6 | Solderability | 30 | J-STD-002C | Conditions B1 solder temperature : 255±5 °C Dip time : 5+0/-0.5sec |

Reliability test according to AEC-Q200-REV D test requirements