



Product/Process Change Notice (PCN)					
<input checked="" type="checkbox"/> Major Change <input type="checkbox"/> Minor Change					
PCN Number: PCN_ConUSB3_20250612 Affected Series: WR-COM USB Affected Part Number: 692112510100 692121030100 692121230100 692122030100 PCN Date: 2025-03-12 (YYYY-MM-DD) Effective Date: 2025-06-12 (YYYY-MM-DD)	Change Category: <input type="checkbox"/> Equipment/Location <input type="checkbox"/> General Data <input checked="" 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				
Contact: Product Management Phone: +49 (0) 7942 - 945 5001 Fax: +49 (0) 7942 - 945 5179 E-Mail: pcn.eican@we-online.com	Datasheet Change: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Attachment: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
DESCRIPTION OF CHANGE: <p>In order to enhance the product reliability, Würth Elektronik eiSos will change the plastic insulator material used on some USB Type A 3.0.</p> <p>There will be no change in form, fit, function, quality or reliability of the product.</p> <p>The new revision of the affected part numbers will be sent out after the previous revision is out of stock (according to FIFO - first-in, first-out).</p> <p>The preliminary datasheets of the affected part numbers will be available on the website after the PCN date.</p> <p>Link to the website: WR-COM USB</p>					
DETAILS OF CHANGE: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 5px;"> <thead> <tr> <th style="width: 50%; text-align: center; color: red;">Before change</th> <th style="width: 50%; text-align: center; color: green;">After change</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Insulator material: LCP</td> <td style="text-align: center;">Insulator material: PA9T</td> </tr> </tbody> </table>		Before change	After change	Insulator material: LCP	Insulator material: PA9T
Before change	After change				
Insulator material: LCP	Insulator material: PA9T				



RELIABILITY / QUALIFICATION OF CHANGE:

An additional reliability testing was performed and approved.

Additional details of the tests can be found in the table below:

Test Item	Sample size	Reference	Test conditions	Acceptance
Withstanding Voltage	6/PN	Product Reliability	EIA364-20-Method B: Withstanding voltage Apply 100 V AC between adjacent contacts and between contacts to ground during 1min	Approved
Insulation Resistance	6/PN	Product Reliability	EIA364-21: Insulation Resistance Apply 500 Vdc between adjacent contacts and between contacts to ground during 1 min	Approved
Mating/Unmating	6/PN	Product Reliability	EIA364-013: Mating/Unmating Connector insertion/withdrawal force Axial pull out force at 12.5mm/min, 35 cycles minimum	Approved
Durability	3/PN	Product Reliability	EIA364-09: Durability Mate and unmate connectors 5000 times Speed rate: 200 cycles/h maximum	Approved
Humidity	6/PN	Product Reliability	EIA364-31: Humidity Temperature: 40±2 °C Duration: 96 hours Relative Humidity: 90-95 % Note: remove surface moisture and air dry for 1 hour before measurements	Approved
Temperature life	6/PN	Product Reliability	EIA364-17: Temperature Life 105°C±2°C for 120 hours	Approved
Low Temperature	6/PN	Product Reliability	EIA364-59: Low Temperature -25°C±3°C for 2 hours Visual inspection after 2 hours rest	Approved