



Product/Process Change Notice (PCN)														
<input type="checkbox"/> Major Change <input checked="" type="checkbox"/> Minor Change														
PCN Number: PCN_FrqXTAL_20250222 Affected Series: WE-XTAL Affected Part Number: 830009678, 830009706, 830009709, 830054236 PCN Date: 2024-11-22 (YYYY-MM-DD) Effective Date: 2025-02-22 (YYYY-MM-DD)	Change Category: <input type="checkbox"/> Equipment/Location <input checked="" 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													
Contact: Product Management Phone: +49 (0) 7942 - 945 5001 Fax: +49 (0) 7942 - 945 5179 E-Mail: pcn.eisos@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>Because of a database mismatch, Würth Elektronik eiSos will correct the RoHS status (1), packaging details (2), IQD Part No. format (3), frequency parameters (4), electrical parameters (5) and environmental parameters (6) in the datasheet.</p> <p>This is a datasheet correction only. There will be no change in form, fit, function, quality or reliability of the product.</p>														
DETAILS OF CHANGE: 1. Correction of RoHS Status <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 20%;"></th> <th style="text-align: center; color: red;">Before</th> <th style="text-align: center; color: green;">After</th> </tr> </thead> <tbody> <tr> <td>RoHS Status</td> <td>Compliant (2011/65/EU)</td> <td>Compliant (2015/863/EU)</td> </tr> </tbody> </table> 2. Correction of the Packaging Details: <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 20%;"></th> <th style="text-align: center; color: red;">Before</th> <th style="text-align: center; color: green;">After</th> </tr> </thead> <tbody> <tr> <td>Packaging Details</td> <td style="color: red;"> Pack Style: Reel Tape & reel in accordance with EIA-481-D Pack Size: 3,000 </td> <td style="color: green;"> Tape & reel in accordance with EIA-481 Quantities below the standard reel size to be supplied on cut tape. Standard Quantity: 3,000 Pieces </td> </tr> </tbody> </table>				Before	After	RoHS Status	Compliant (2011/65 /EU)	Compliant (2015/863 /EU)		Before	After	Packaging Details	Pack Style: Reel Tape & reel in accordance with EIA-481-D Pack Size: 3,000	Tape & reel in accordance with EIA-481 Quantities below the standard reel size to be supplied on cut tape. Standard Quantity: 3,000 Pieces
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3. Update of IQD Part No.:

Due to internal standardization the last 4 digits identifying the packaging type have been removed from the IQD Part No. format.

	Before	After
IQD Part No.	LFXTALXXXXXXReel e.g. LFXTAL009678Reel	LFXTALXXXXXX e.g. LFXTAL009678

4. Correction of Frequency Parameters:

	Before	After
Tolerance Condition	@ 25 °C ±5 °C	@25 °C
Ageing	±3 ppm max in 1st year @ 25 °C	±3 ppm max first year @25 °C ±3 °C

5. Correction of Electrical Parameters:

	Before	After
Shunt Capacitance (C0)	1.05 pF typical	1.0 pF typical

6. Correction of Environmental Parameters:

	Before	After
Vibration	1.5 mm amplitude, 10 Hz-500 Hz, full sine wave or acceleration 10 G, 1.5mins in 3 mutually perpendicular planes, duration 2 hrs each plane	1.5 mm amplitude, 10 Hz~60 Hz with cycle time of 2~3 minutes in 3 directions (X, Y and Z axis) each for 2 hours.

RELIABILITY / QUALIFICATION OF CHANGE:

There will be no change of the product, therefore no additional reliability or qualification testing was performed.