



Product/Process Change Notice (PCN)														
<input type="checkbox"/> Major Change <input checked="" type="checkbox"/> Minor Change														
PCN Number: PCN_FrqXTAL_20250214 Affected Series: WE-XTAL Affected Part Number: 830065253, 830066198, 830066431, 830108214001, 830107088501 PCN Date: 2024-11-14 (YYYY-MM-DD) Effective Date: 2025-02-14 (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 update the IQD Part No. (1), correct the frequency stability coefficient (2), shunt capacitance (3), environmental parameters (4), reflow information (5), RoHs status (6), packaging details (7), typical frequency stability characteristics (8) and product dimensions (9) in the datasheet. 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: <p>1. Update of IQD Part No.:</p> <p>Due to internal standardization the last 4 digits identifying the packaging type have been removed from the IQD Part No. format.</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 35%; text-align: left; color: red;">Before</th> <th style="width: 35%; text-align: left; color: green;">After</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">IQD Part No.</td> <td style="padding: 5px;">LFXTALXXXXXXReel e.g. LFXTAL065253Reel</td> <td style="padding: 5px;">LFXTALXXXXXX e.g. LFXTAL065253</td> </tr> </tbody> </table> <p>2. Correction of Frequency Stability Coefficient:</p> <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 30%;"></th> <th style="width: 35%; text-align: left; color: red;">Before</th> <th style="width: 35%; text-align: left; color: green;">After</th> </tr> </thead> <tbody> <tr> <td style="padding: 5px;">Frequency Stability Coefficient</td> <td style="padding: 5px;">-0.035 ±10%/°C² typ</td> <td style="padding: 5px;">-0.036ppm/°C² ±10%</td> </tr> </tbody> </table>				Before	After	IQD Part No.	LFXTALXXXXXXReel e.g. LFXTAL065253Reel	LFXTALXXXXXX e.g. LFXTAL065253		Before	After	Frequency Stability Coefficient	-0.035 ±10%/°C ² typ	-0.036ppm/°C ² ±10%
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3. Correction of Shunt Capacitance (C0):

	Before	After
Shunt Capacitance (C0)	1.1 pF typ	1.2 pF typ

4. Correction of Environmental Parameters:

	Before	After
Environmental Parameters	Vibration: 1.5 mm amplitude, 10 Hz- 500 Hz, 15 mins in 3 mutually perpendicular planes, duration 2 hrs each plane	Vibration: 1.5 mm amplitude, 10 Hz – 60 Hz, 15 mins in 3 mutually perpendicular planes, duration 2 hrs each plane

5. Update of Reflow information:

	Before	After
Reflow information	Maximum Process Temperature: 260 °C for 10 secs max	<p>Reflow Profile</p> <p>Note: (1) The temperature used herein means the temperature on the circuit board. (2) Reflow is permitted 2 times.</p>

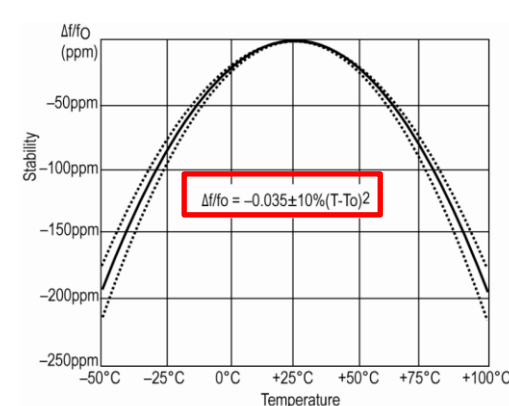
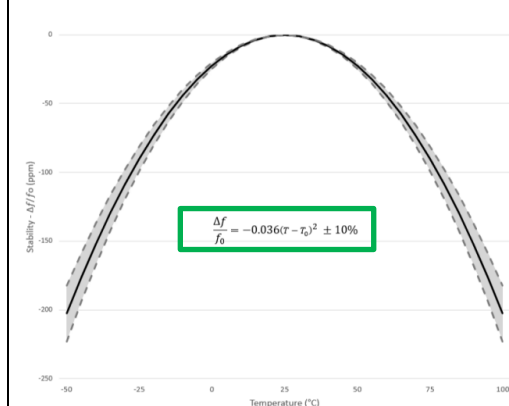
6. Correction of the RoHS Status:

	Before	After
RoHS Status	Compliant (2011/65/EU)	Compliant (2015/863/EU)

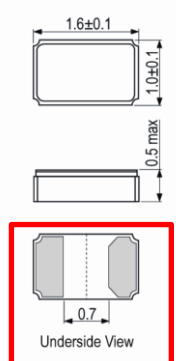
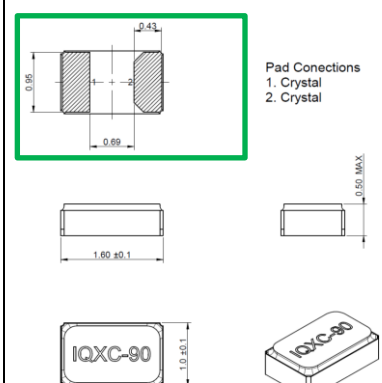
7. Packaging Details:

	Before	After
Packaging Details	<p>Pack Style: Reel Tape & reel in accordance with EIA-481-D Pack Size: 5,000 Alternative packing option available</p>	<p>Tape & reel in accordance with EIA- 481 Quantities below the standard reel size to be supplied on cut tape. Standard Quantity: 5,000 Pieces</p>

8. Correction of Typical Frequency Stability Characteristics:

	Before	After
Typical Frequency Stability Characteristics		

9. Correction of the Product Dimensions:

	Before	After
Product Dimensions		



RELIABILITY / QUALIFICATION OF CHANGE:

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