



<h2>Product/Process Change Notice (PCN)</h2>		
<input type="checkbox"/> Major Change <input checked="" type="checkbox"/> Minor Change		
PCN Number: PCN_FrqXTAL_20250215 Affected Series: WE-XTAL Affected Part Number: 830050789, 830062558, 830105946101, 830106545501, 830107326401 PCN Date: 2024-11-15 (YYYY-MM-DD) Effective Date: 2025-02-15 (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), frequency stability coefficient (3), drive level (4), motional capacitance (C1) (5), IQD Part No. format (6) and environmental parameters (7) 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 the RoHs Status:		
	Before	After
RoHS Status	Compliant (2011/65/EU)	Compliant (2015/863/EU)
2. Correction of the Packaging Details:		
	Before	After
Packaging Details	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



3. Correction of the Frequency Stability Coefficient:

	Before	After
Frequency Stability Coefficient	-0.03/°C ² typ	-0.03 ± 0.01 ppm/°C ²

4. Correction of the Drive Level:

	Before	After
Drive Level	0.1 µW ± 0.01 µW recommended, ±0.5 µW max	0.1 µW recommended, ±0.5 µW max

5. Correction of the Motional Capacitance (C1):

	Before	After
Motional Capacitance (C1)	7 fF typ	6.5 fF typ

6. 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. LFXTAL050789Reel	LFXTALXXXXXX e.g. LFXTAL050789

7. Standardization of Environmental Parameters:

	Before	After
Storage Temperature Range	-40 to 85 °C	-55 to 125 °C

RELIABILITY / QUALIFICATION OF CHANGE:

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