



## Product/Process Change Notice (PCN)

- Major Change  
 Minor Change

<p><b>PCN Number:</b> PCN_FrqXTAL_20250305</p> <p><b>Affected Series:</b> WE-XTAL</p> <p><b>Affected Part Number:</b> See table below</p> <p><b>PCN Date:</b> 2024-12-05</p> <p><b>Effective Date:</b> 2025-03-05</p>	<p><b>Change Category:</b></p> <p><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</p>																														
<p><b>Contact:</b> Product Management</p> <p><b>Phone:</b> +49 (0) 7942 - 945 5001</p> <p><b>Fax:</b> +49 (0) 7942 - 945 5179</p> <p><b>E-Mail:</b> pcn.eisos@we-online.com</p>	<p><b>Datasheet Change:</b></p> <p><input checked="" type="checkbox"/> Yes      <input type="checkbox"/> No</p> <p><b>Attachment:</b></p> <p><input type="checkbox"/> Yes      <input checked="" type="checkbox"/> No</p>																														
<p><b>DESCRIPTION OF CHANGE:</b></p> <p>Because of a database mismatch, Würth Elektronik eiSos will correct the RoHS status (1), IQD Part No. format (2), environmental parameters (3), product dimensions (4), packaging details (5), and ESR (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> <p><b>Affected Part number:</b></p> <table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <tr> <td>830003033B</td> <td>830003037B</td> <td>830003044B</td> <td>830003051B</td> <td>830003056B</td> </tr> <tr> <td>830003068B</td> <td>830003086B</td> <td>830003099B</td> <td>830003110B</td> <td>830003127B</td> </tr> <tr> <td>830003134B</td> <td>830003147B</td> <td>830003164B</td> <td>830003174B</td> <td>830003177B</td> </tr> <tr> <td>830003179B</td> <td>830003206B</td> <td>830003218B</td> <td>830003231B</td> <td>830003257B</td> </tr> <tr> <td>830003277B</td> <td>830003298B</td> <td>830003312B</td> <td>830003327B</td> <td>830003329B</td> </tr> <tr> <td>830003342B</td> <td>830003386B</td> <td>830003515B</td> <td></td> <td></td> </tr> </table>		830003033B	830003037B	830003044B	830003051B	830003056B	830003068B	830003086B	830003099B	830003110B	830003127B	830003134B	830003147B	830003164B	830003174B	830003177B	830003179B	830003206B	830003218B	830003231B	830003257B	830003277B	830003298B	830003312B	830003327B	830003329B	830003342B	830003386B	830003515B		
830003033B	830003037B	830003044B	830003051B	830003056B																											
830003068B	830003086B	830003099B	830003110B	830003127B																											
830003134B	830003147B	830003164B	830003174B	830003177B																											
830003179B	830003206B	830003218B	830003231B	830003257B																											
830003277B	830003298B	830003312B	830003327B	830003329B																											
830003342B	830003386B	830003515B																													
<p><b>DETAILS OF CHANGE:</b></p> <p>1. Correction of RoHS Status</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;"></td> <td style="text-align: center; color: red;"><b>Before</b></td> <td style="text-align: center; color: green;"><b>After</b></td> </tr> <tr> <td>RoHS Status</td> <td style="text-align: center;">Compliant (2011/65/EU)</td> <td style="text-align: center;">Compliant (2015/863/EU)</td> </tr> </table>			<b>Before</b>	<b>After</b>	RoHS Status	Compliant (2011/65/EU)	Compliant (2015/863/EU)																								
	<b>Before</b>	<b>After</b>																													
RoHS Status	Compliant (2011/65/EU)	Compliant (2015/863/EU)																													

2. Update of IQD Part No.:

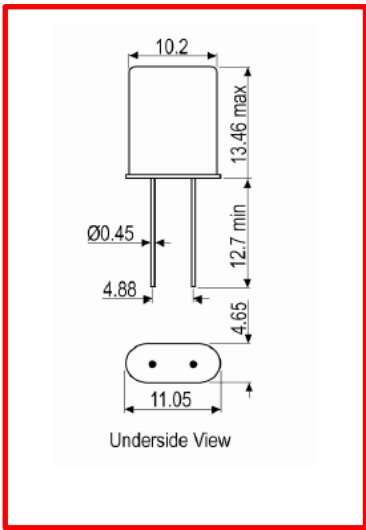
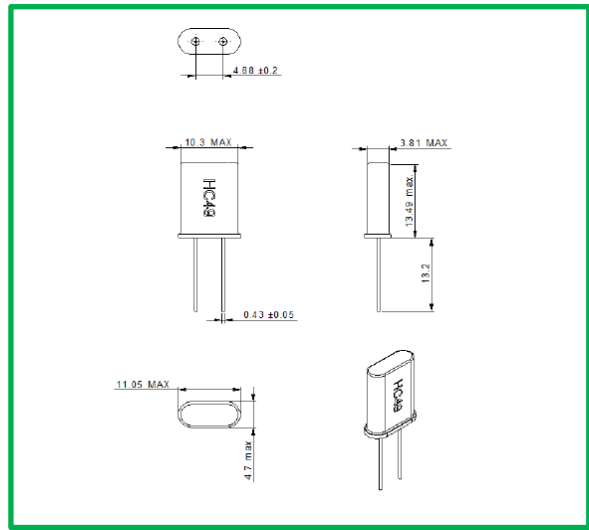
Due to internal standardization the last 3 digits identifying the packaging type have been removed from the IQD Part No. format.

	Before	After
IQD Part No.	LFXTALXXXXXXBulk e.g. LFXTAL003033Bulk	LFXTALXXXXXB e.g. LFXTAL003033B

3. Update of Frequency Parameters

	Before	After
Ageing	±3ppm typical per year	±5ppm max per year

4. Correction of the Product Dimensions:

	Before	After
Product Dimensions		

5. Update of Manufacturing Details:

	Before	After
RoHS Terminations	SnAgCu or Sn	Sn, Ag & Cu



6. Update of Environmental Parameters

	Before	After
Shock	981m/s <sup>2</sup> , 6ms, 3 times in each of 3 mutually perpendicular planes	MIL-STD-202 Method 213, Condition C, Half sine shock pulse peak acceleration of 100g, pulse duration 6ms.
Vibration	10Hz-60Hz, 0.75mm amplitude, 60Hz-500Hz, 98.1m/s <sup>2</sup> , 30mins in 3 mutually perpendicular planes	MIL-STD-202 Method 204, 5g for 20 minutes, 12 cycles in each of the 3 orientations, 10~2000Hz.

**RELIABILITY / QUALIFICATION OF CHANGE:**

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