

Würth Elektronik eiSos GmbH & Co. KG

EMC & Inductive Solutions

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Product / Process Change Notification (PCN)

- Major change
 Minor change

<p>PCN #: PCN_FeSTAR-GAP_20220228</p> <p>Affected Series: WE-STAR-TEC Series 74271622; 74271622S</p> <p>PCN Date: November 29, 2021</p> <p>Effective Date: February 28, 2022</p>	<p>Change Category:</p> <p><input type="checkbox"/> Equipment / Location <input checked="" type="checkbox"/> General Data <input type="checkbox"/> Material <input type="checkbox"/> Process <input checked="" type="checkbox"/> Product Design <input type="checkbox"/> Shipping / Packaging <input type="checkbox"/> Supplier <input type="checkbox"/> Software</p>
<p>Contact: Product Management</p> <p>Phone: +49 (0) 7942 - 945 5001</p> <p>Fax: +49 (0) 7942 - 945 5179</p> <p>E-Mail: pcn.eisos@we-online.com</p>	<p>Data Sheet Change:</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Attachment:</p> <p><input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p>

DESCRIPTION AND PURPOSE OF CHANGE:

In order to increase the product quality and production capability Würth Elektronik will improve the design of the plastic housing only. Additional the mechanical dimensions will be adjusted and specific tolerances will be added and the packaging specification will be added to the data sheet.

All products with date code 2022-01-28 or later, will be affected by this change.

There will be no change in function, reliability or material of the product.

DETAIL OF CHANGE:

- The electrical properties of the part will not change, due to no change of the ferrite core will be done.
- The mechanical properties improvements are shown in the following table:

Mechanical Improvement	Before change	After Change
<p>Gap Element</p>		
<p>The Gap Element design and position will change for an improved assembly process of ferrite core and plastic housing.</p>		
<p>Cable Fixation Elements</p>		
<p>Both Cable Fixation Elements will be positioned on the same side of the plastic housing to improve the assembly process of the cable.</p>		
<p>Snap-In Mechanism</p>		
<p>The Snap-In Mechanism will be changed to the proven design of the WE-STAR-BUENO Series with visual lock windows to check if the part is locked correctly.</p>		

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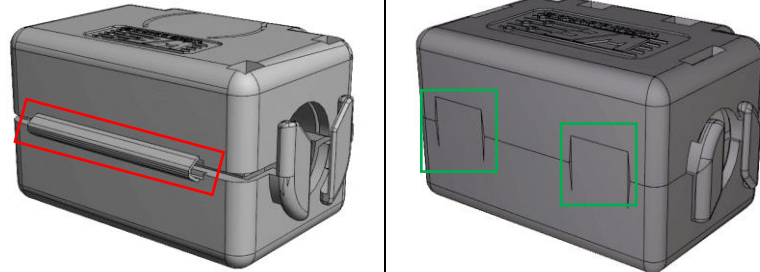
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Hinge Design



The **Hinge** will be changed to the proven design of the WE-STAR-TEC Series, from one solid to two separated hinges.

- The general visual appearance of the plastic housing like WE Logo, design elements and edges will be improved a little bit as it can be seen in the drawings above and below.
- The mechanical dimensions will be adjusted (solid lines) and specific tolerances will be added (dotted lines).

Before change	After Change

RELIABILITY / QUALIFICATION SUMMARY:

The changed plastic housing design is produced by the same basic injection moulding technology, the assembly process of ferrite core and plastic housing use the same basic technology and don't change. This is released by the internal requirements of Product Management and Total Quality Management department by IQC tests.

The following items are part of the IQC:

- Visual Appearance (Surface, Burr, Contaminations, ...)

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- Mechanical Parameters (according as specified in the Datasheet)
- Electrical Parameters (according as specified in the Datasheet)