

Würth Elektronik eiSos GmbH &amp; Co. KG

EMC &amp; Inductive Solutions

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## Product / Process Change Notification (PCN)

- Major change  
 Minor change

**PCN #:** PCN\_FeSTAR-GAP\_20220228

**Affected Series:** WE-STAR-TEC Series  
74271622; 74271622S

**PCN Date:** November 29, 2021

**Effective Date:** February 28, 2022

**Change Category:**

- Equipment / Location  
 General Data  
 Material  
 Process  
 Product Design  
 Shipping / Packaging  
 Supplier  
 Software

**Contact:** Product Management

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**Data Sheet Change:**

- Yes  No

**Attachment:**

- Yes  No

**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><b>Gap Element</b></p>		
<p>The <b>Gap Element</b> design and position will change for an improved assembly process of ferrite core and plastic housing.</p>		
<p><b>Cable Fixation Elements</b></p>		
<p>Both <b>Cable Fixation Elements</b> will be positioned on the same side of the plastic housing to improve the assembly process of the cable.</p>		
<p><b>Snap-In Mechanism</b></p>		
<p>The <b>Snap-In Mechanism</b> 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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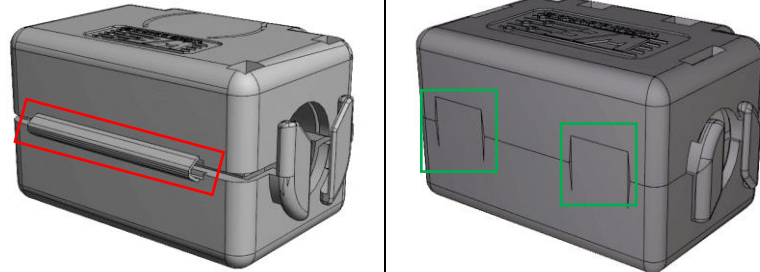
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**Hinge Design**



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)