



Pushing Performance

HARTING Product Change Notification

PCN

Business Unit: Electronics

PCN/17/020/C+N

Product range: DC1 / D-Sub

Date: 2017-08-24

Author: Thomas Seesing

Title: New tools for several D-SUB variants – External

Details of Product Changes

1. Concerned part number (see also attachment):

Several D-Sub Standard variants with turned contacts. Details see in description below.
All partnumbers see Attachment "A"

Not affected: D-Sub Mixed, D-Sub High Density, D-Sub Filter, D-Sub Waterproof, D-Sub Press-in and D-Sub SMT

2. Description of changes / news:

Change of process technology and manufacturing method.

➤ With impact on:





- Design
- Packaging
- Labeling of products

➤ Without impact on:

- Technical functionality (electrical parameters, mechanical parameters)
- Product specifications (CECC 75 301-802 & DIN 41652)
- Compliance (e.g. RoHS, lead-free, etc.)
- UL
- Price

D-Sub remains an important product family for HARTING. That's why we decided to improve processes for several D-Sub Standard variants to keep price levels and product performance for future deliveries.

Affected D-Sub variants:

| | Current Design | New Design |
|-----------------------------------|---|---|
| Soldercup with turned contacts |  |  |
| WireWrap |  |  |



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| | Current Design | New Design |
|--|----------------|------------|
| straight for PCB (with turned contacts and double shell construction) | | |
| angled for PCB (with turned contacts and double shell construction) | | |

Detailed changes valid for all affected D-Sub variants:



| number | Part of connector | attribute | Current | New |
|--------|-------------------|---|--|--|
| 1 | Insulator | color | grey | white |
| 2 | | shape | bar between contacts | flat |
| | | | <p><i>*Image shows soldercup and is for illustration purposes only</i></p> | |
| 3 | Contacts | Termination side | Tin | Gold |
| 4 | Metal shell | To simplify processes the clinch position will change | front | rear |
| | | | <p><i>*Image shows soldercup and is for illustration purposes only</i></p> | |
| 5 | Packaging | / | Trays in Carton Box | Carton Box with partitions |
| | | | <p><i>*Image is for illustration purposes only. Further packaging details Please refer to Attachment "A" and product description</i></p> | <p><i>*Image is for illustration purposes only. Further packaging details Please refer to Attachment "A" and product description</i></p> |



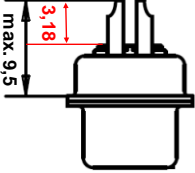
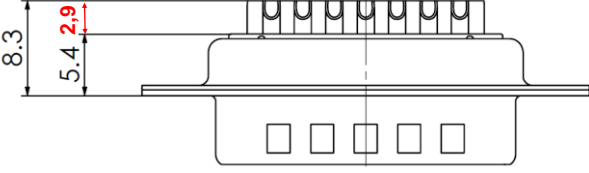
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| number | Part of connector | Improvement | Current | New |
|--------|----------------------|---|---|--|
| 6 | Labeling of products | Switch to standardize HARTING printing for better recognizability | HARTING Logo with Date code and Performance level indicator only | HARTING Logo, Date code and Partnumber |
| | | |  |  <p><i>*Image shows D-Sub Filter with soldercup and is for illustration purposes only</i></p> |

Detailed changes relevant for variant “soldercup with turned contacts”:

| Current Design | | | New Design | |
|--|-------------------|------------------|---|--------|
|  | | |  | |
| number | Part of connector | attribute | Current | New |
| 1 | Contact | Soldercup length | 3,18 mm | 2,9 mm |

3. Impact on product specification:

No impact on the mechanical and electrical properties
 The product specification will remain unchanged
 All products remain mating compatible in reference to product specification

4. Scheduled date of implementation:

The automatic switch starts end of February 2018.
 For a short time period it is possible that we will deliver a mix of old and new parts within one delivery, this cannot be avoided completely. There is no possibility to switch back to the old status after the stock is sold out.

5. Identification of change:

*No changes to the part numbers
 The revision level will be increased.*

6. Data sheet (optional):

Data sheet,

- updated TBs,
- updated material data and
- updated 3D models

 will be available at the scheduled time.



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A Attachment

| Family | Part number | Current | | New | | |
|-----------------------------------|---|----------------|----------------|-----|----------------|----|
| | | MOQ | Packaging unit | MOQ | Packaging unit | |
| Soldercup with turned contacts | 09670095615050 | 100 | 100 | 100 | 100 | |
| | 09670155615050 | 100 | 100 | 100 | 100 | |
| | 09670255615050 | 100 | 100 | 100 | 50 | |
| | 09670375615050 | 50 | 50 | 100 | 50 | |
| | 09670505615050 | 50 | 50 | 100 | 50 | |
| | 09670094715050 | 100 | 100 | 100 | 100 | |
| | 09670154715050 | 100 | 100 | 100 | 100 | |
| | 09670254715050 | 100 | 100 | 100 | 50 | |
| | 09670374715050 | 50 | 50 | 100 | 50 | |
| | 09670504715050 | 50 | 50 | 100 | 50 | |
| | 09670095615 | 100 | 100 | 100 | 100 | |
| | 09670155615 | 100 | 100 | 100 | 100 | |
| | 09670255615 | 100 | 100 | 100 | 50 | |
| | 09670375615 | 50 | 50 | 100 | 50 | |
| | 09670505615 | 50 | 50 | 100 | 50 | |
| | 09670094715 | 100 | 100 | 100 | 100 | |
| | 09670154715 | 100 | 100 | 100 | 100 | |
| | 09670254715 | 100 | 100 | 100 | 50 | |
| | 09670374715 | 50 | 50 | 100 | 50 | |
| | 09670504715 | 50 | 50 | 100 | 50 | |
| | 09670094715211 | 100 | 100 | 100 | 100 | |
| | 09670154715211 | 100 | 100 | 100 | 100 | |
| | 09670254715211 | 100 | 100 | 100 | 50 | |
| | 09670374715211 | 50 | 50 | 100 | 50 | |
| | 09670095615211 | 100 | 100 | 100 | 100 | |
| | 09670155615211 | 100 | 100 | 100 | 100 | |
| | 09670255615211 | 100 | 100 | 100 | 50 | |
| | 09670375615211 | 50 | 50 | 100 | 50 | |
| | 09670095604 | 100 | 100 | 100 | 100 | |
| | 09670155604 | 100 | 100 | 100 | 100 | |
| | 09670255604 | 100 | 100 | 100 | 50 | |
| | 09670375604 | 50 | 50 | 100 | 50 | |
| | 09670505604 | 50 | 50 | 100 | 50 | |
| | 09670094704 | 100 | 100 | 100 | 100 | |
| | 09670154704 | 100 | 100 | 100 | 100 | |
| | 09670254704 | 100 | 100 | 100 | 50 | |
| | 09670374704 | 50 | 50 | 100 | 50 | |
| | 09670504704 | 50 | 50 | 100 | 50 | |
| | straight for PCB (with turned contacts and double shell construction) | 09670095655050 | 100 | 100 | 100 | 50 |
| | | 09670155655050 | 100 | 100 | 100 | 50 |
| 09670255655050 | | 100 | 100 | 100 | 25 | |
| 09670375655050 | | 50 | 50 | 100 | 25 | |
| 09670094755050 | | 100 | 100 | 100 | 50 | |
| 09670154755050 | | 100 | 100 | 100 | 50 | |
| 09670254755050 | | 100 | 100 | 100 | 25 | |
| 09670374755050 | | 50 | 50 | 100 | 25 | |
| 09670095655 | | 100 | 100 | 100 | 50 | |
| 09670155655 | | 100 | 100 | 100 | 50 | |
| 09670255655 | | 100 | 100 | 100 | 25 | |
| 09670375655 | | 50 | 50 | 100 | 25 | |
| 09670505655 | | 50 | 50 | 100 | 25 | |
| 09670094755 | | 100 | 100 | 100 | 50 | |



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| Family | Part number | Current | | New | |
|--|----------------|---------|----------------|-----|----------------|
| | | MOQ | Packaging unit | MOQ | Packaging unit |
| straight for PCB (with turned contacts and double shell construction) | 09670154755 | 100 | 100 | 100 | 50 |
| | 09670254755 | 100 | 100 | 100 | 25 |
| | 09670374755 | 50 | 50 | 100 | 25 |
| | 09670504755 | 50 | 50 | 100 | 25 |
| | 09670095654 | 100 | 100 | 100 | 50 |
| | 09670155654 | 100 | 100 | 100 | 50 |
| | 09670255654 | 100 | 100 | 100 | 25 |
| | 09670375654 | 50 | 50 | 100 | 25 |
| | 09670505654 | 50 | 50 | 100 | 25 |
| | 09670094754 | 100 | 100 | 100 | 50 |
| | 09670154754 | 100 | 100 | 100 | 50 |
| | 09670254754 | 100 | 100 | 100 | 25 |
| | 09670374754 | 50 | 50 | 100 | 25 |
| | 09670504754 | 50 | 50 | 100 | 25 |
| angled for PCB (with turned contacts and double shell construction) | 09670095664 | 100 | 100 | 100 | 50 |
| | 09670155664 | 100 | 100 | 100 | 50 |
| | 09670255664 | 100 | 100 | 100 | 25 |
| | 09670375664 | 50 | 50 | 100 | 25 |
| | 09670505664 | 50 | 50 | 100 | 25 |
| | 09670094764 | 100 | 100 | 100 | 50 |
| | 09670154764 | 100 | 100 | 100 | 50 |
| | 09670254764 | 100 | 100 | 100 | 25 |
| | 09670374764 | 50 | 50 | 100 | 25 |
| | 09670504764 | 50 | 50 | 100 | 25 |
| | 09670095663 | 100 | 100 | 100 | 50 |
| | 09670155663 | 100 | 100 | 100 | 50 |
| | 09670255663 | 100 | 100 | 100 | 25 |
| | 09670375663 | 50 | 50 | 100 | 25 |
| | 09670505663 | 50 | 50 | 100 | 25 |
| | 09670094763 | 100 | 100 | 100 | 50 |
| | 09670154763 | 100 | 100 | 100 | 50 |
| | 09670254763 | 100 | 100 | 100 | 25 |
| | 09670374763 | 50 | 50 | 100 | 25 |
| | 09670504763 | 50 | 50 | 100 | 25 |
| | 09670094758050 | 100 | 100 | 100 | 50 |
| | 09670095658 | 100 | 100 | 100 | 50 |
| | 09670155658 | 100 | 100 | 100 | 50 |
| | 09670255658 | 100 | 100 | 100 | 25 |
| | 09670505658 | 100 | 50 | 100 | 25 |
| | 09670154758 | 100 | 100 | 100 | 50 |
| | 09670254758 | 100 | 100 | 100 | 25 |
| | 09670504758 | 50 | 50 | 100 | 25 |
| | 09670095657 | 100 | 100 | 100 | 50 |
| | 09670155657 | 100 | 100 | 100 | 50 |
| | 09670255657 | 100 | 100 | 100 | 25 |
| | 09670094757 | 100 | 100 | 100 | 50 |
| | 09670154757 | 100 | 100 | 100 | 50 |
| 09670254757 | 100 | 100 | 100 | 25 | |
| WireWrap | 09670095616 | 100 | 100 | 100 | 50 |
| | 09670155616 | 100 | 100 | 100 | 50 |
| | 09670255616 | 100 | 100 | 100 | 25 |
| | 09670375616 | 50 | 50 | 100 | 25 |
| | 09670505616 | 50 | 50 | 100 | 25 |
| | 09670094716 | 100 | 100 | 100 | 50 |



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| Family | Part number | Current | | New | |
|---------------------------|-------------|---------|----------------|-----|----------------|
| | | MOQ | Packaging unit | MOQ | Packaging unit |
| WireWrap | 09670154716 | 100 | 100 | 100 | 50 |
| | 09670254716 | 100 | 100 | 100 | 25 |
| | 09670374716 | 50 | 50 | 100 | 25 |
| | 09670095616 | 50 | 50 | 100 | 25 |
| | 09670155616 | 100 | 100 | 100 | 50 |
| | 09670255616 | 100 | 100 | 100 | 50 |
| | 09670375616 | 100 | 100 | 100 | 25 |
| | 09670505616 | 50 | 50 | 100 | 25 |
| | 09670505607 | 50 | 50 | 100 | 25 |
| | 09670094707 | 100 | 100 | 100 | 50 |
| | 09670154707 | 100 | 100 | 100 | 50 |
| | 09670254707 | 100 | 100 | 100 | 25 |
| | 09670374707 | 50 | 50 | 100 | 25 |
| | 09670504707 | 50 | 50 | 100 | 25 |
| Special customer specific | 09670154797 | 100 | 100 | 100 | 50 |
| | 09670099001 | 100 | 100 | 100 | 50 |
| | 09670099002 | 100 | 100 | 100 | 50 |