

Product/Process Change Notice (PCN)



- Major change
 Minor change

PCN #: PCN_SwDISV_20170210

Product Affected: WS-DISV

418 121 160 8XX (01-12 pole)

418 121 270 801

418 121 160 808ON

418 121 160 910

PCN Date: February, 10th 2017

Effective Date: May, 10th 2017

Contact: Product Management

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- Product Mark
 Date Code
 Packaging
 Others

Attachment: Yes No

Samples:

DESCRIPTION AND PURPOSE OF CHANGE:

In order to optimize our product design and production capacity, Würth Elektronik will re-design the product and relocate the production line.

Old production : 254xxxxxxxxxxxxx Made in China

New production : 337xxxxxxxxxxxxx Made in Taiwan

- 1) The dimensions of the products will be changed slightly, as indicated in the table below.
- 2) The material of the parts will be changed.
- 3) The outer appearance of the product will be changed, please refer to the picture below.

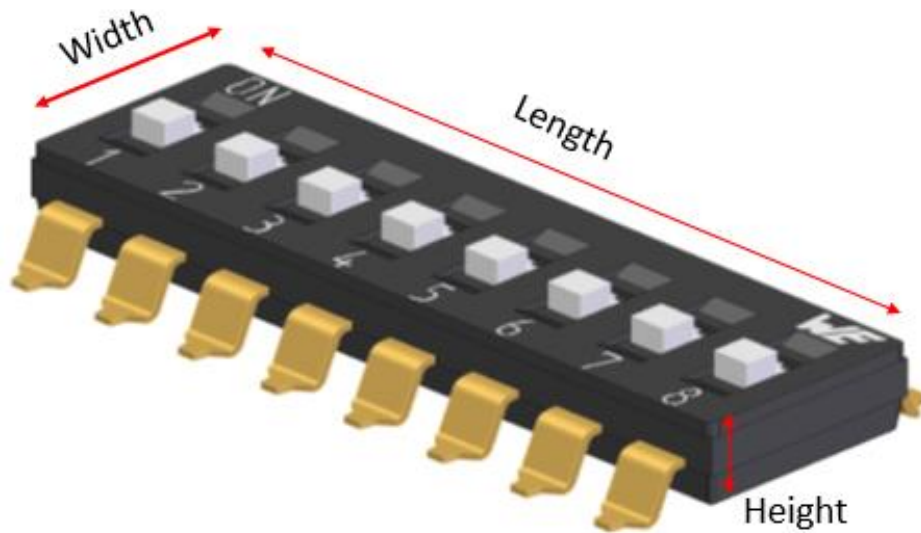
Products after product change with effective date of 10th May 2017 are available with Date Code 2017-05-10

DETAIL OF CHANGE:

- 1) New product dimensions:

Part number	Dimension (mm)					
	Length - OLD	Length - NEW	Width- OLD	Width - NEW	Height - OLD	Height - NEW
418121270801	2.98	3.48	6.0	6.2	3.2	3.0
418121160801	2.98	3.48	6.0	6.2	3.2	3.0
418121160802	5.52	6.02	6.0	6.2	3.2	3.0
418121160803	8.06	8.56	6.0	6.2	3.2	3.0
418121160804	10.60	11.10	6.0	6.2	3.2	3.0
418121160805	13.14	13.64	6.0	6.2	3.2	3.0
418121160806	15.68	16.18	6.0	6.2	3.2	3.0

418121160807	18.22	18.72	6.0	6.2	3.2	3.0
418121160808	20.76	21.26	6.0	6.2	3.2	3.0
418121160809	23.30	23.80	6.0	6.2	3.2	3.0
418121160810	25.84	26.34	6.0	6.2	3.2	3.0
418121160812	30.92	31.42	6.0	6.2	3.2	3.0

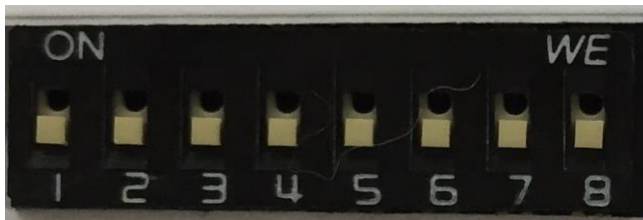


2) Material Changes:

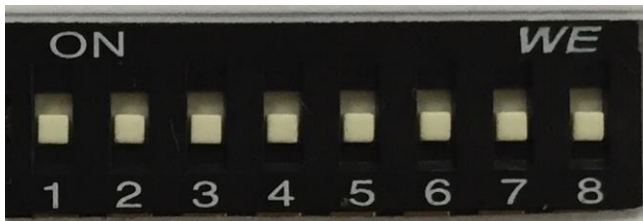
	Old	New
Cover	PPS	PA9T
Base	PPS	PA9T
Actuator	PA66	PA66
Plating	Fully Gold	Fully Gold

3) Outer Appearance:

Previous Production



New Production



RELIABILITY / QUALIFICATION SUMMARY:

High Temperature Exposure (MIL-STD-202 Method 108)
Moisture Resistance (MIL-STD-202 Method 106)
5 times reflow test (JEDEC-020)
Terminal Strength (AEC-Q200-006)
Vibration (MIL-STD-202 Method 204)
Mechanical Shock (JESD22-B104)
Low Temperature Storage (JESD22-A119)
Thermal Shock (MIL-STD-202 Method 107)

DATA SHEET CHANGE: Yes No**Würth Elektronik eiSos GmbH & Co. KG**

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