

# Product/Process Change Notice (PCN)



- Major change
- Minor change

PCN #: PCN\_SwDISV\_20150104

Product Affected: WS-DISV

416 131 160 8XX (02,04,06,08,10,12 pole)

PCN Date : January.04.2016

Effective Date: April, 02<sup>th</sup> 2016

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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 : 264xxxxxxxxxxxxx Made in China

New production :381xxxxxxxxxxxxx Made in Taiwan

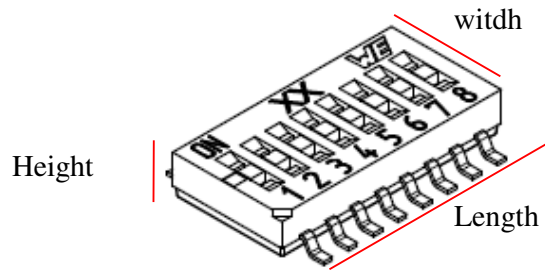
- 1) The dimensions of the products will be changed slightly, as indicated in the table below.
- 2) The material of the parts will be changed.
- 3) The outer appearance of the product will be changed, please refer to the picture below.

Products after product change with effective date of 02th April 2016 are available with Date Code 2016-04-02

## DETAIL OF CHANGE:

- 1) New product dimensions:

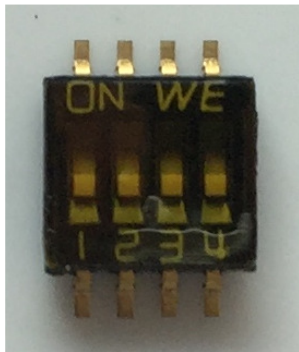
Part number	Dimension (mm)					
	Length - OLD	Length - NEW	Width- OLD	Width - NEW	Height - OLD	Height - NEW
416131160802	3.58	3.71	5.6	5.8	2.0	2.5 max
416131160804	6.12	6.25	5.6	5.8	2.0	2.5 max
416131160806	8.66	8.79	5.6	5.8	2.0	2.5 max
416131160808	11.20	11.33	5.6	5.8	2.0	2.5 max
416131160810	13.74	13.87	5.6	5.8	2.0	2.5 max
416131160812	16.28	16.41	5.6	5.8	2.0	2.5 max



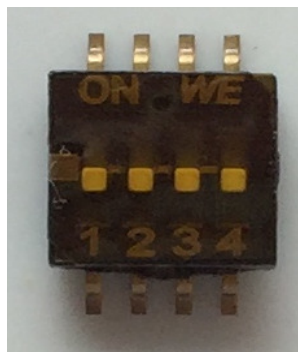
2) Material Changes:

	Old	New
<b>Cover</b>	PPS (Black)	PPA (Brown)
<b>Base</b>	PPS (Black)	PPA (Brown)
<b>Actuator</b>	PA46 (White)	PA46 (White)
<b>Plating</b>	Fully Gold	Fully Gold

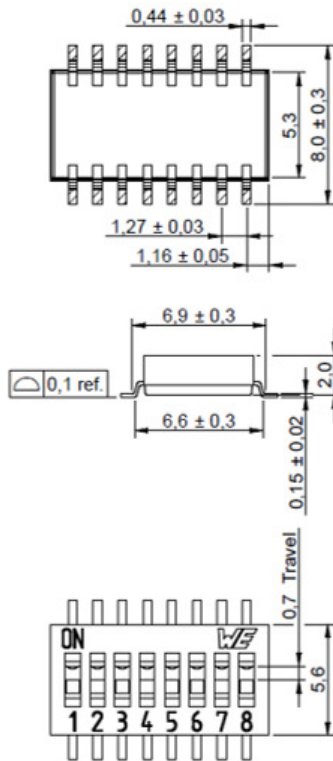
Old



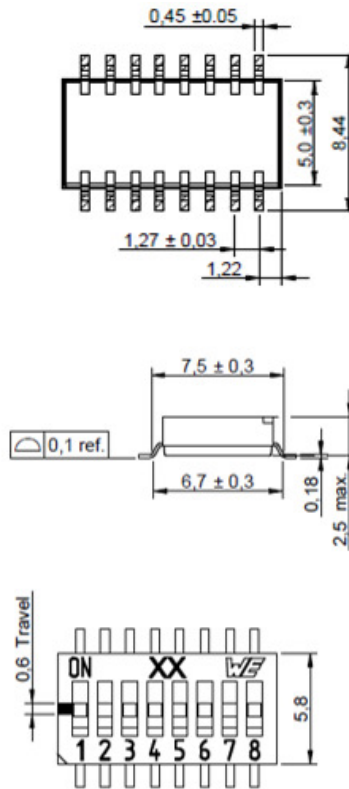
New



3) Outer Appearance:  
Previous Production



new production



->Printing : change from INK to laser carving  
->Pole from 06 on, additional date code on cover as additional identification  
>XX explanation as below

Year Code		Month Code	
20x1	1	January	1
20x2	2	February	2
⋮	⋮	⋮	⋮
20x8	8	October	A
20x9	9	November	B
20x0	0	December	C

**RELIABILITY / QUALIFICATION SUMMARY:**

High Temperature Exposure (MIL-STD-202 Method 108)  
Moisture Resistance (MIL-STD-202 Method 106)  
Vibration (MIL-STD-202 Method 204)  
5 times Reflow soldering (JEDEC-J-STD 020)  
Solder ability (JESD22-B102)  
Thermal Shock (MIL-STD-202 Method 107)  
Low temperature storage (JESD22-A119)  
Mechanical Shock (JESD22-B104)  
Life cycle test according to WE standard

**DATA SHEET CHANGE:**

Yes

No

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