



Product / Process Change Notification (PCN)

- ☒ Major change
☐ Minor change

PCN #: PCN_conPSHD_20240315

Affected Series: WR-PSHD ; 60800213421

PCN Date: December 15, 2023

Effective Date: March 15, 2024

Change Category:

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

Contact: Product Management

Phone: +49 (0) 7942 - 945 5001

Fax: +49 (0) 7942 - 945 5179

E-Mail: pcn.eican@we-online.com

Data Sheet Change:

☒ Yes ☐ No

Attachment:

☐ Yes ☒ No

Description and purpose of change:

Due to an improvement of the production capability, Würth Elektronik will change production line & tooling. This implies slight design and specifications changes listed below.

All products with date code 2023-11-15 or later, will be affected by this change. Products with Lot number starting by 298 will be affected by this change.

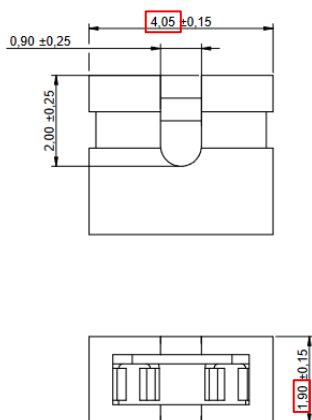
There will be no change in fit or function of the product.

Detail of Change:

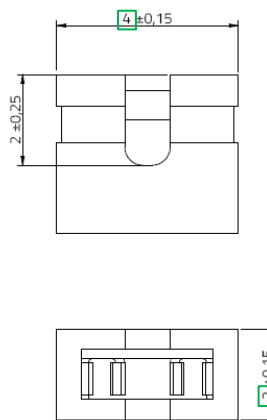
The production line can be identified by the first three digits of the lot number: **XXX** XXX XXX XXX XXX

Old production line:	New production line:
Lot number: 358 XXX XXX XXX XXX	Lot number: 298 XXX XXX XXX XXX
Country of origin on Delivery Note: China	Country of origin on Delivery Note: Taiwan

BEFORE

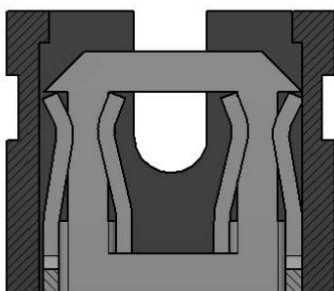


AFTER

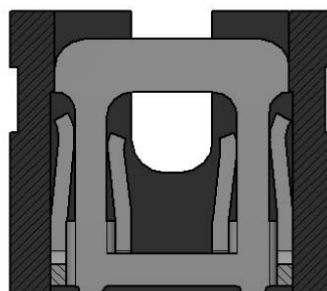


Contacts' shape is evolving.

BEFORE



AFTER



Specifications changes:

	BEFORE	AFTER
Rated Current	1 A max	3 A max
Withstanding Voltage	500 V(AC) (1 min)	650 V(AC) (1 min)
Insulation resistance	500 MΩ	1000 MΩ
Operating temperature (°C)	-40 °C up to + 105 °C	-25 °C up to 105 °C



Reliability / Qualification Summary:

Product approval is according to the specification criteria and is internally released by the Product Management Department.

The following items are part of the internal release process:

Item	Test condition	Requirements
Contact Resistance	Acc. To EIA-364-06C On mated connectors : apply a maximum voltage of 20mV and a current of 10 mA.	30 mΩ max
Insulation Resistance	Acc. To MIL-STD-202 Method 302. On mated connectors : apply 500 VDC between adjacent terminals.	1000 MΩ min
Dielectric Withstanding Voltage	Acc. To MIL-STD-202 Method 302. On mated connectors : apply 650 VAC during 1 minute between adjacent contacts.	No breakdown.
Durability	Acc. To EIA-364-09D Mate & unmate with corresponding pinheaders during 30 cycles at rate of 10 cycles per minute.	No evidence of damage. Contact Resistance : 30 mΩ max
Salt Spray	Acc. To MIL-STD-202 Method 101 On mated connectors : Time : 12 hours Temperature : 35 ± 2 °C 5 % Salt condition After test, rinse the samples with water and recondition at room temperature for 1 hour.	Contact resistance : 40 mΩ max