

**Business Unit:** Electronics **PI00000038**  
**Product range:** ix Industrial - AV Jacks  
 - Generation 1  
 - Type A and Type B Date: 7/3/2024 3:20:31 PM  
**Author:** Maximilian Rohrer Page 1/1  
**Title:** ix Industrial - AV Jack - PTN

**Details of product termination**

<b>1. Concerned part number (see also attachment):</b>	
09452812560	ix Industrial 10A-1 jack AV (T&R400)
09452812560333	ix Industrial 10A-1 jack AV (1pcs.)
09452819000	ix Industrial 10B-1 jack AV (T&R400)
09452819000333	ix Industrial 10B-1 jack AV (1pcs.)
<b>2. Reason for termination:</b>	
Change to successor products. Successor products entails improved product functionality (see below).	
<b>3. Possible replacement products</b>	
<b>Partnumbers</b>	
<b>Phased-out products</b>	<b>New successor products (substitution)</b>
P/N	Description
09452812560	ix Industrial 10A-1 jack AV (T&R400) → 09452832560 ix Industrial 10A-12 jack AV (T&R400)
09452812560333	ix Industrial 10A-1 jack AV (1pcs.) → 09452832560333 ix Industrial 10A-12 jack AV (1pcs.)
09452819000	ix Industrial 10B-1 jack AV (T&R400) → 09452839000 ix Industrial 10B-12 jack AV (T&R400)
09452819000333	ix Industrial 10B-1 jack AV (1pcs.) → 09452839000333 ix Industrial 10B-12 jack AV (1pcs.)
<b>New products: Additional coding – Type C</b>	
P/N	Description
09452833500	ix Industrial 10C-12 jack AV (T&R400)
09452833500333	ix Industrial 10C-12 jack AV (1pcs.)
<b><u>Three main improvements</u></b>	
<b>1 Increased withstand voltage</b>	
→ design adjustments to ensure a higher voltage withstand (AC1500V/DC2250V)	
<b>2 Improved solderability</b>	
→ Simplification of soldering (lower capillary effect between jack and THR) thus higher filling rate of the THR holes	
→ Mounting / positioning of the jack more stable thanks to two (instead of three) contact areas (PCB shield shell + SMT contacts)	
<b>3 Improved robustness of mating face</b>	
→ even higher robustness of the keying function to support the usage in field	



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# HARTING Product Termination Notification

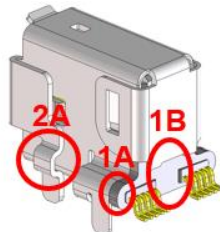
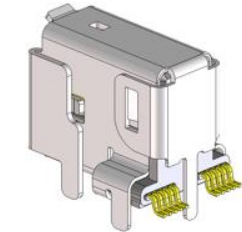
PTN

## Details of improvements at a glance

Current Version

New Version

→ Details of improvement



**1. Increased withstand voltage**

**1A** thicker insulation housing

**1B** removing THR Pin

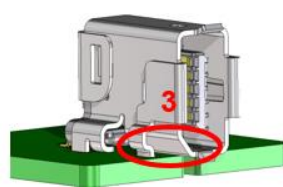
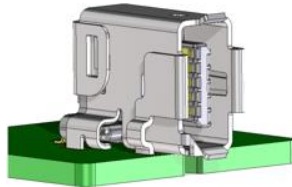
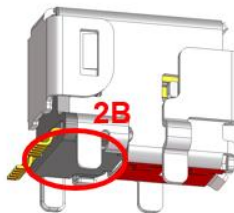
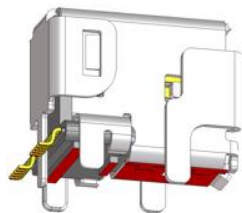
**2. Improved solderability**

**2A** adding bend

**2B** remove standoffs

**3. Improved robustness of mating face**

**3** improve metal shell design



- The improved products do not affect the performance of the products.
- If the withstand voltage between the signal and shield does not change and remains at DC 500V for 1 minute (how the current product was enabled), it is not necessary to change the PCB layout.
- PCB layout is only needed to be adjusted if increased withstand voltage (>500V DC) is needed.
- In addition, the improved new products are compatible, so your current plugs can be used without modification.
- For further information please refer to the appendix and our eBusiness/eShop.

### 4. Scheduled date of:

- Last order: 2025-01-31
- Last delivery: 2025-03-31

### 5. Data sheet (optional):

- Please take a look in our eBusiness for further details of the new products – as e.g. TB, 3D and data sheet.