

Business Unit: Electronics **PI00000038**
Product range: ix Industrial - AV Jacks
 - Generation 1
 - Type A and Type B Date: 7/15/2024 10:35:00 PM
Author: Maximilian Rohrer Page 1/1
Title: ix Industrial - AV Jack - PTN

Details of product termination

1. Concerned part number (see also attachment):	
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.)
2. Reason for termination:	
Change to successor products. Successor products entails improved product functionality (see below).	
3. Possible replacement products	
Partnumbers	
Phased-out products	New successor products (substitution)
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.)
New products: Additional coding – Type C	
P/N	Description
09452833500	ix Industrial 10C-12 jack AV (T&R400)
09452833500333	ix Industrial 10C-12 jack AV (1pcs.)
<u>Three main improvements</u>	
1 Increased withstand voltage	
→ design adjustments to ensure a higher voltage withstand (AC1500V/DC2250V)	
2 Improved solderability	
→ 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)	
3 Improved robustness of mating face	
→ even higher robustness of the keying function to support the usage in field	



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HARTING Product Termination Notification

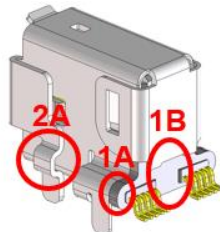
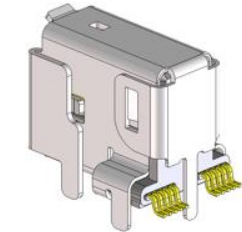
PTN

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

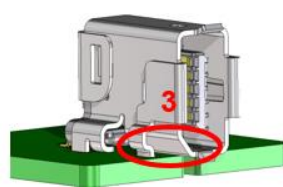
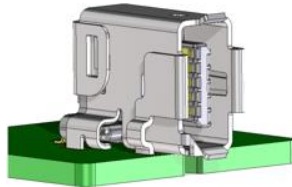
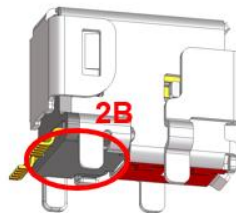
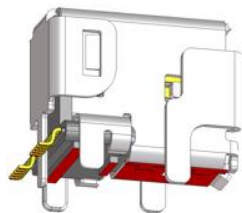
2. Improved solderability

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.