



Product / Process Change Notification (PCN)

- ☒ Major change
☐ Minor change

PCN #: PCN_UtRJ45LAN_20230811
Affected Series: WE-UtRJ45LAN-Series: 7498xxx
PCN Date: May 11, 2023
Effective Date: August 11, 2023

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.eisos@we-online.com

Data Sheet Change:

- ☒ Yes ☐ No

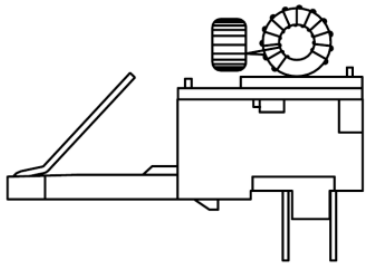
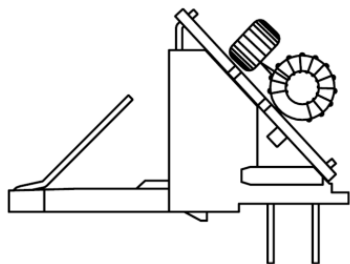
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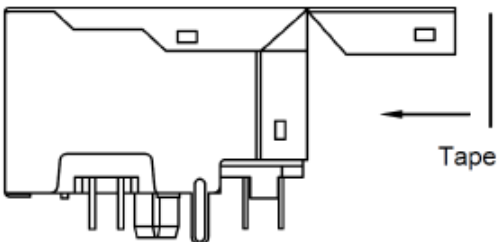
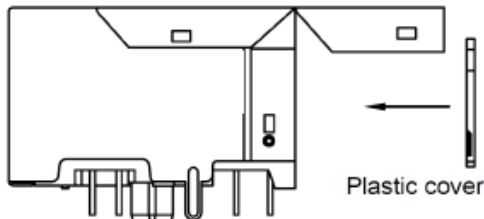
- ☐ Yes ☒ No

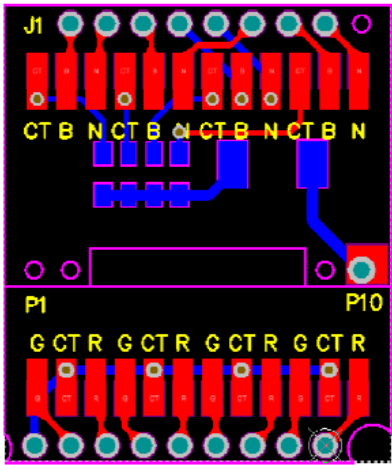
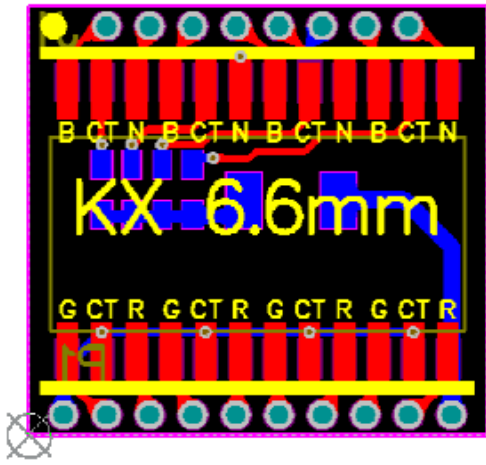
Description and purpose of change:

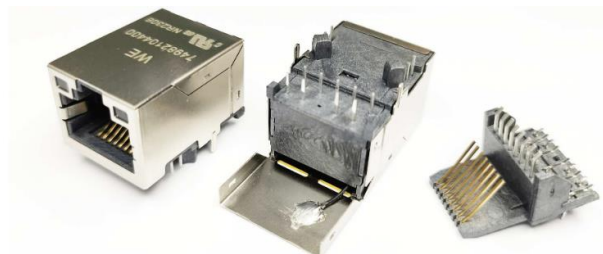
To ensure an improved product assembly, Würth Elektronik will implement a new spot welding design technology. Along with this, further general improvements are done in design and process, like wire to shield insulation. Additional Würth Elektronik will change to new data sheet format & correct datasheet mismatches. All products with date code 2023-08-11 or later, will be affected by this change. There will be no change in fit and function of the product.

Detail of Change:

Before Change	After Change
	
Above: Improved positioning of the PCB	

	
Above: Improve internal insulation with change from tape to plastic cover	

	
Above: Change in PCB layout to enhance product standardization	

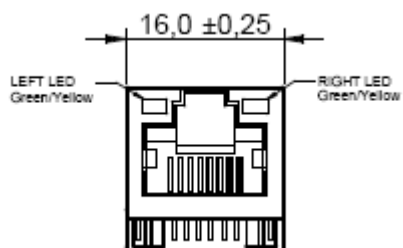


Above: Overview of the physical change

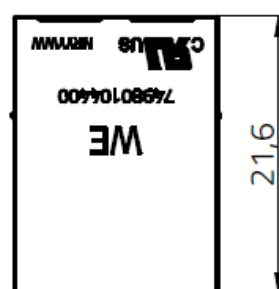
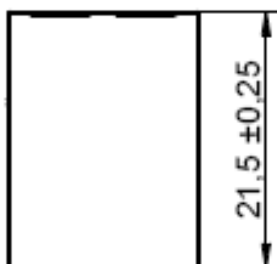
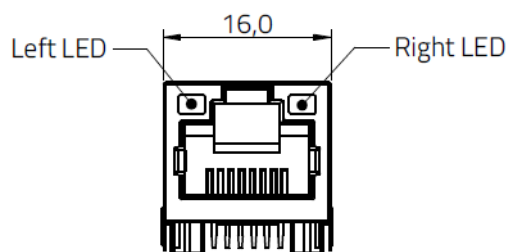
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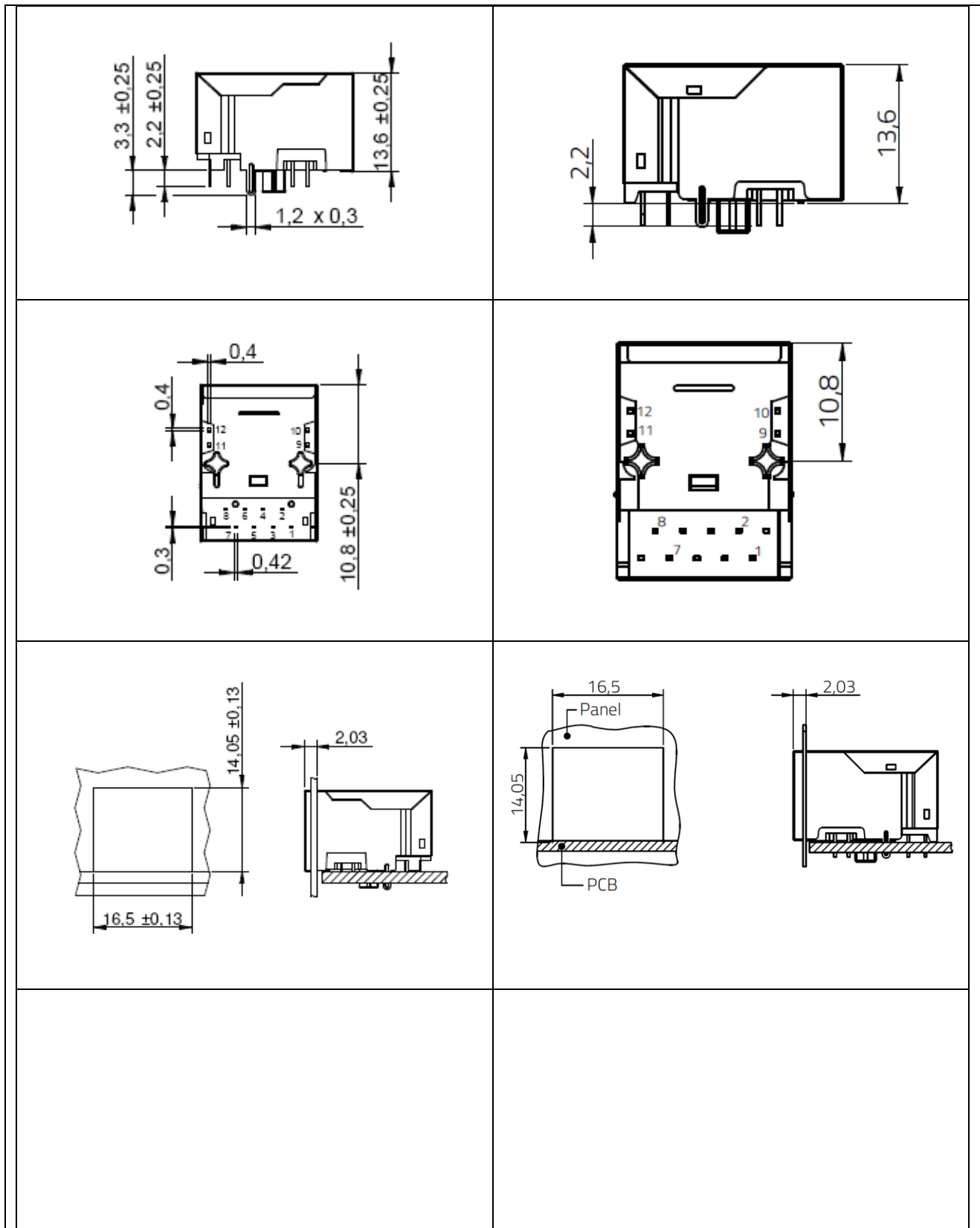
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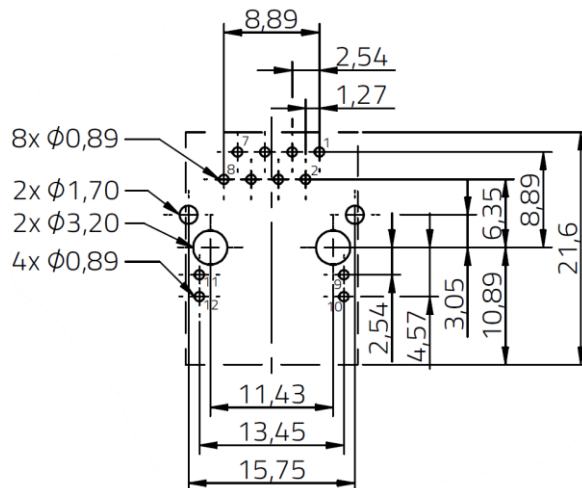
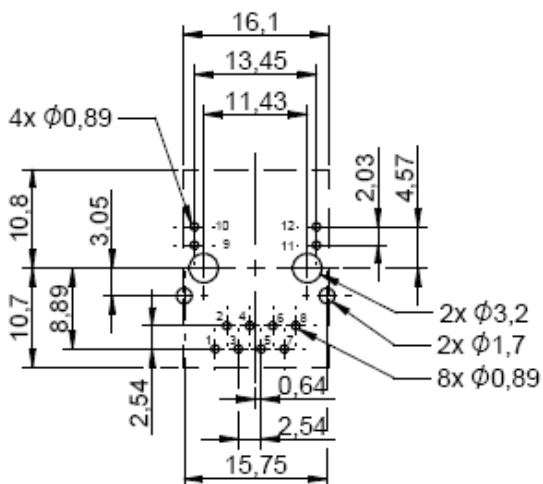
Before correction



After correction

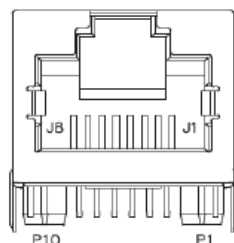




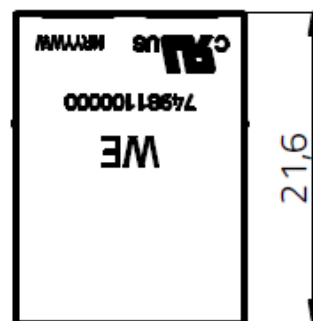
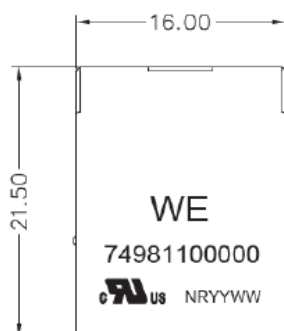
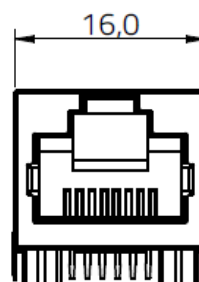


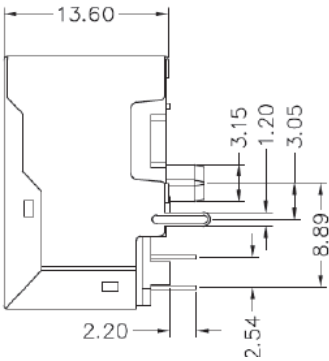
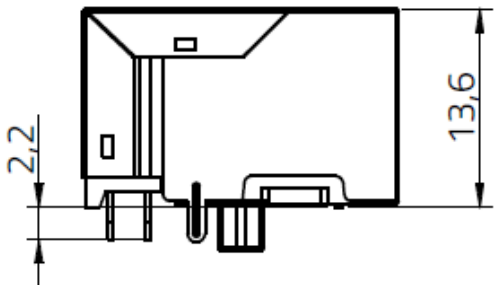
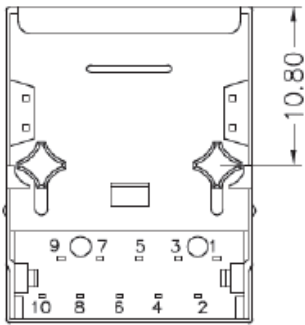
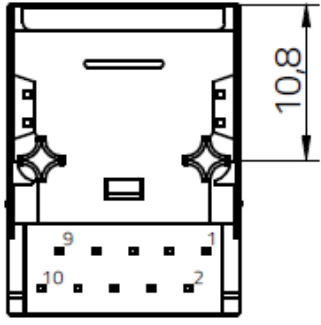
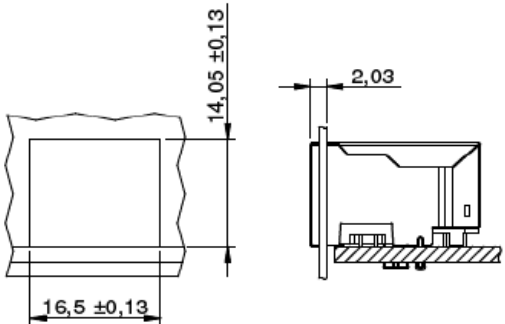
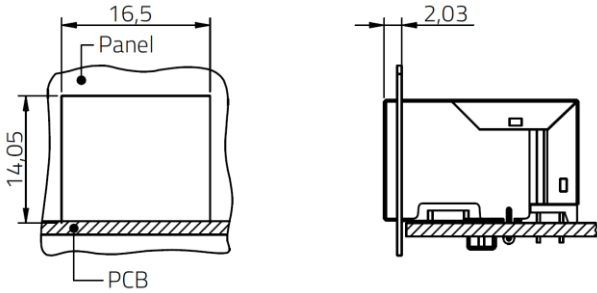
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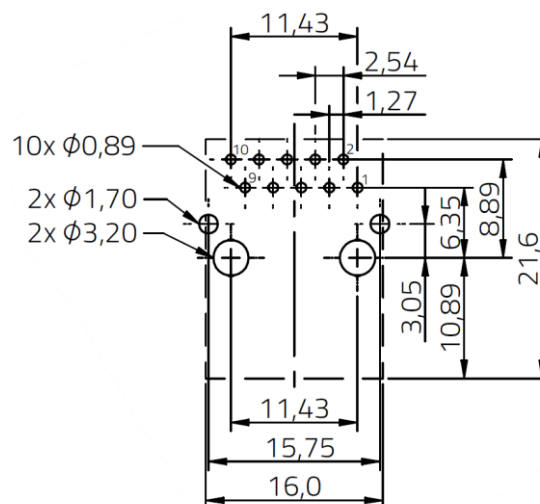
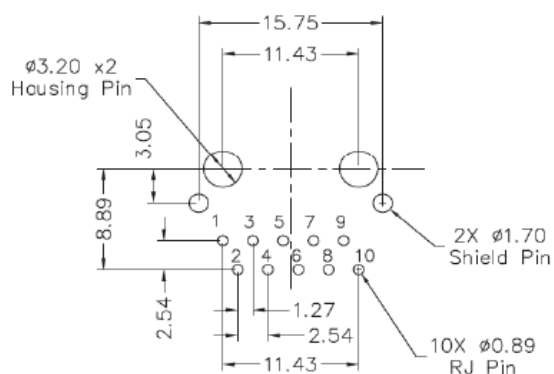
Before correction



After correction

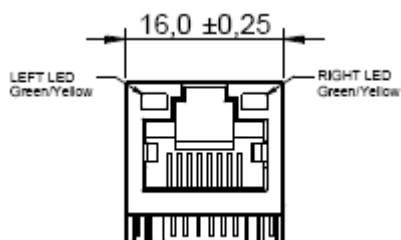


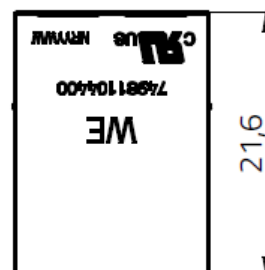
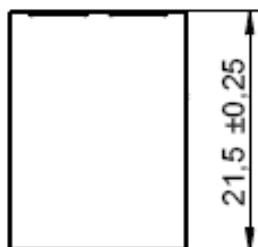
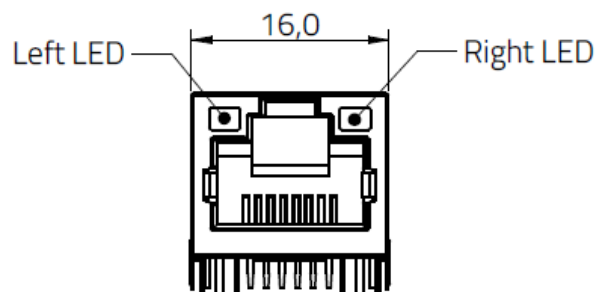


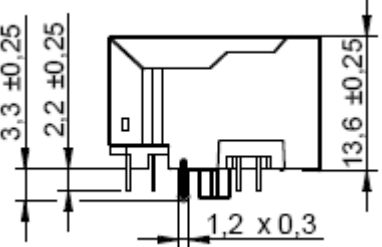
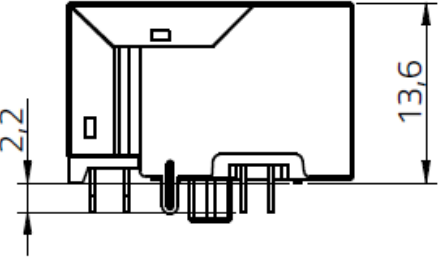
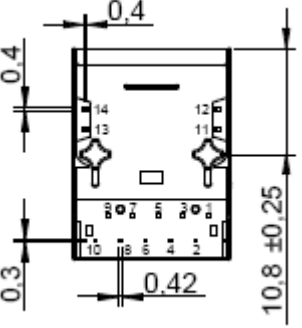
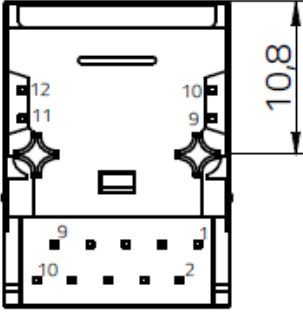
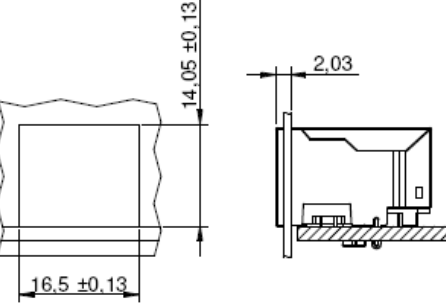
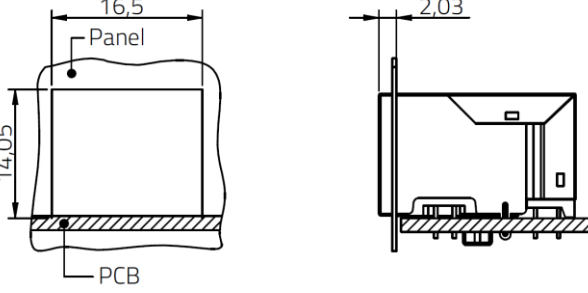
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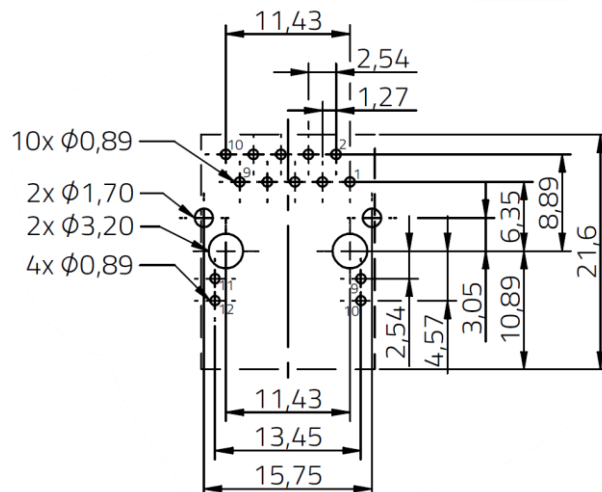
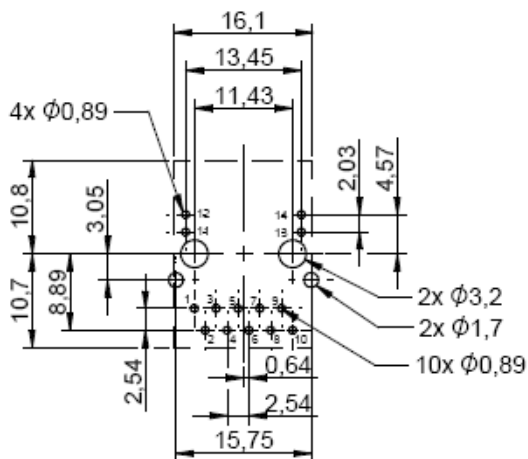
Before correction



After correction

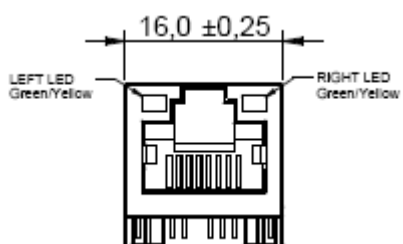


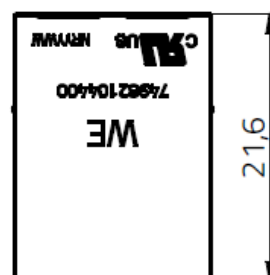
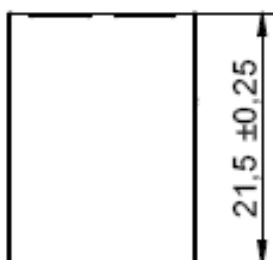
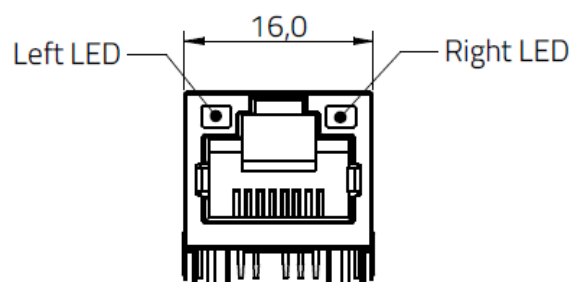


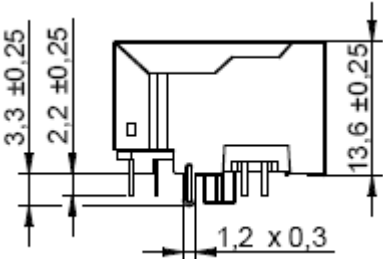
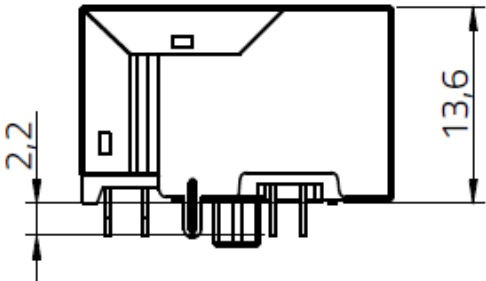
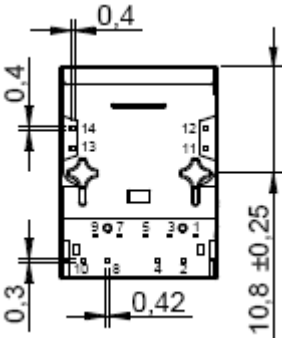
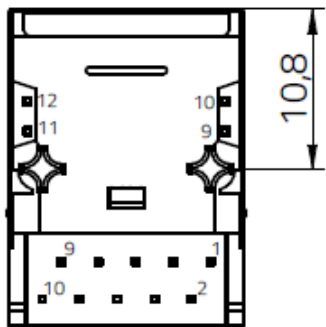
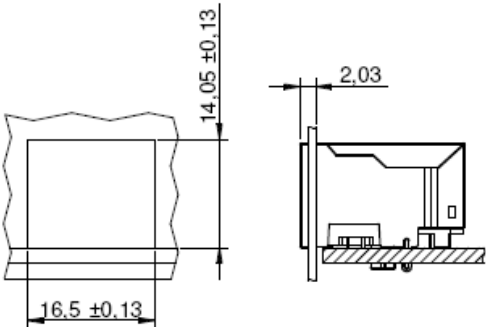
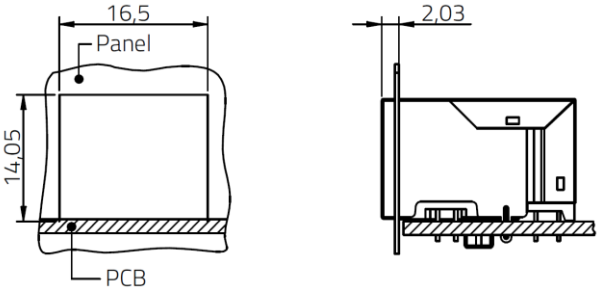
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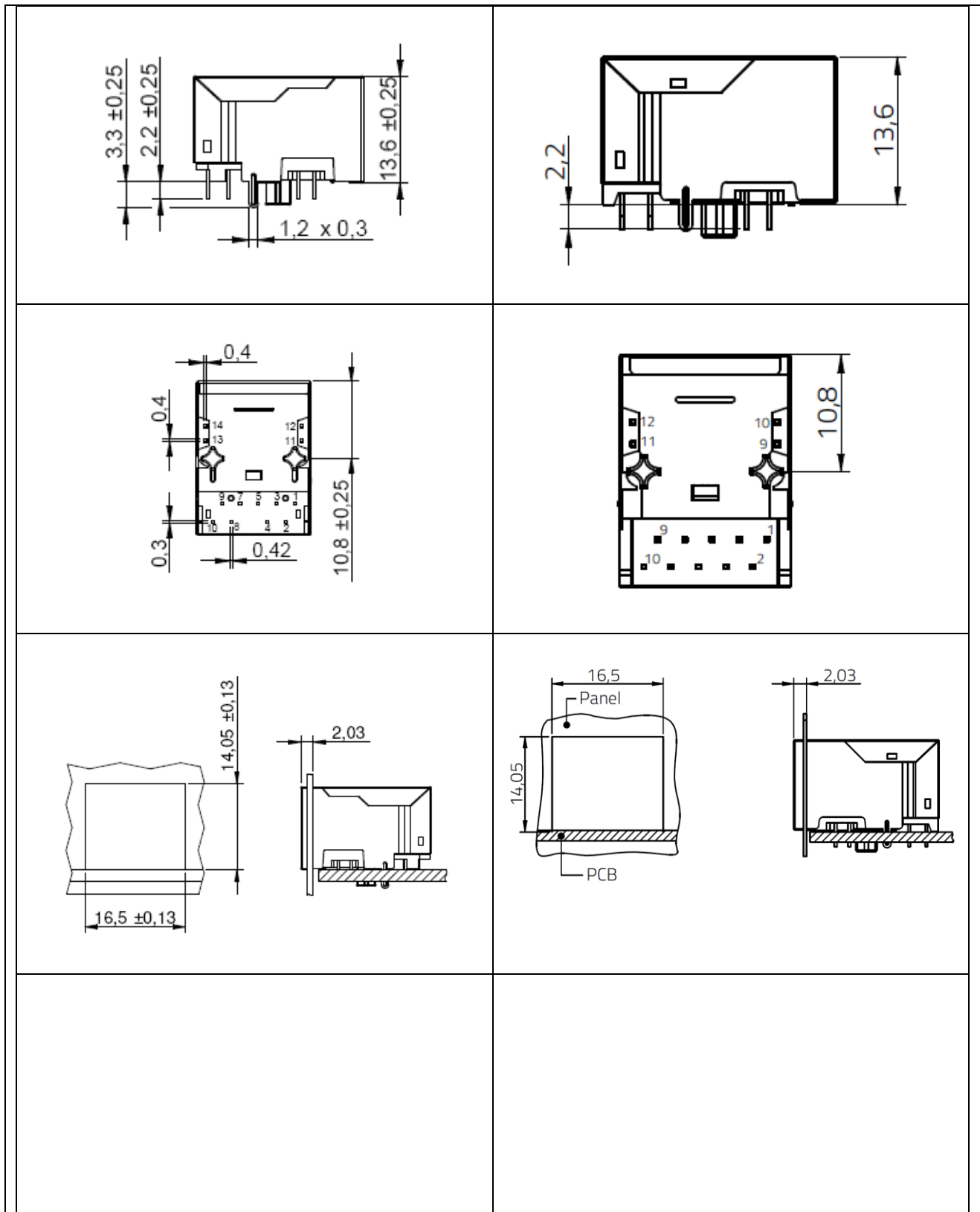


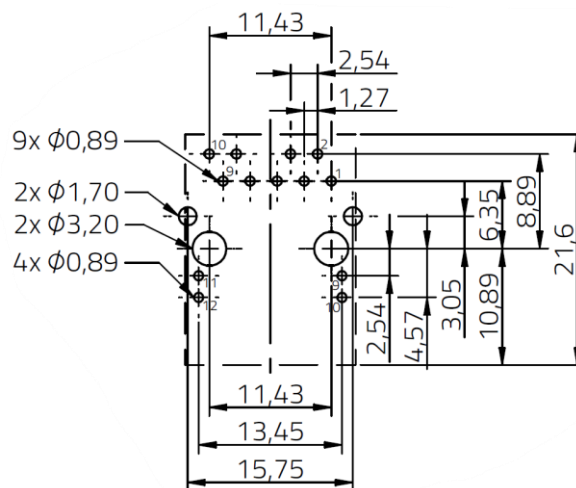
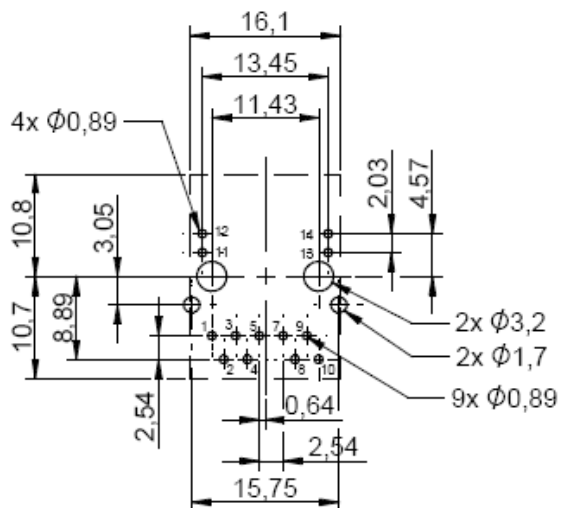
After correction



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Before correction	After correction						





Affected Part No:

74980104400	74981100000	74981104400
74982104400	74984104400	

Reliability / Qualification Summary:

Following tests are done:

- Salt Spray test according to EIA-364-26B
- Durability test according to EIA-364-09C
- Thermal Shock test according to MIL-STD-202G METHOD 107
- Vibration test according to MIL-STD-202G METHOD 204D