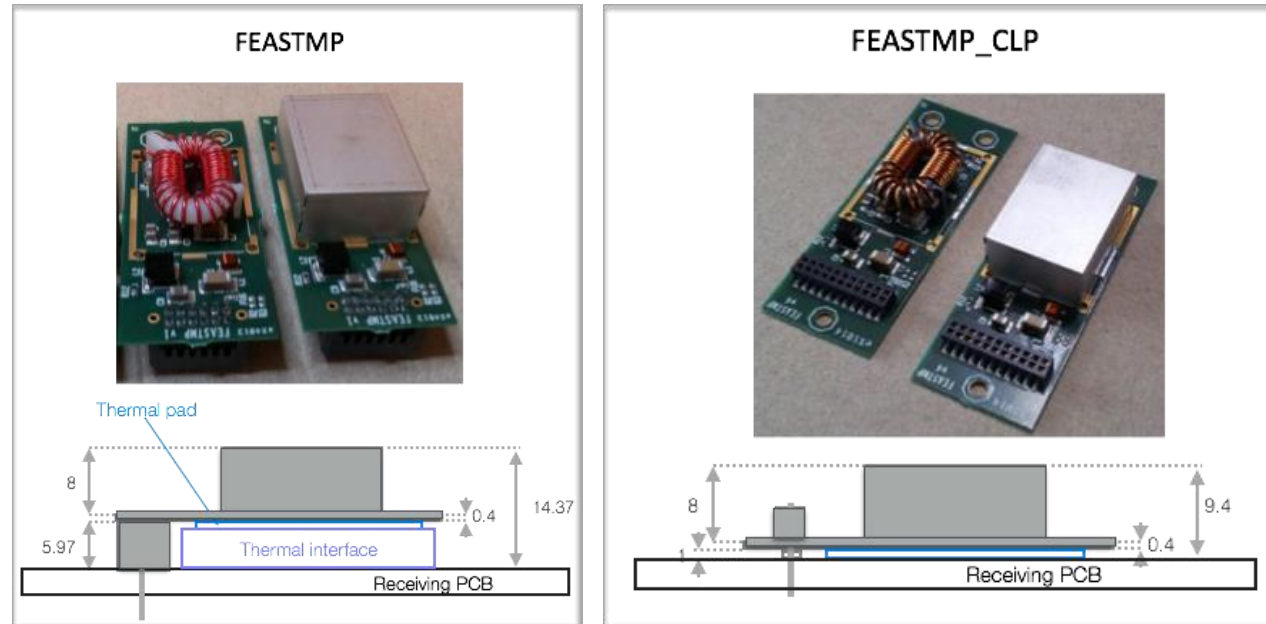


# Proposal for a new PoB design

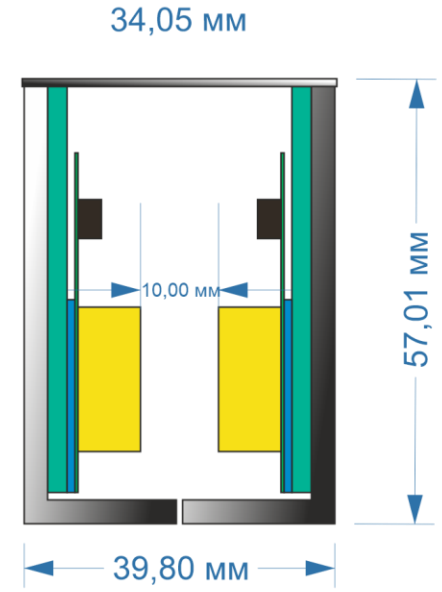
Dmitrii Dementev

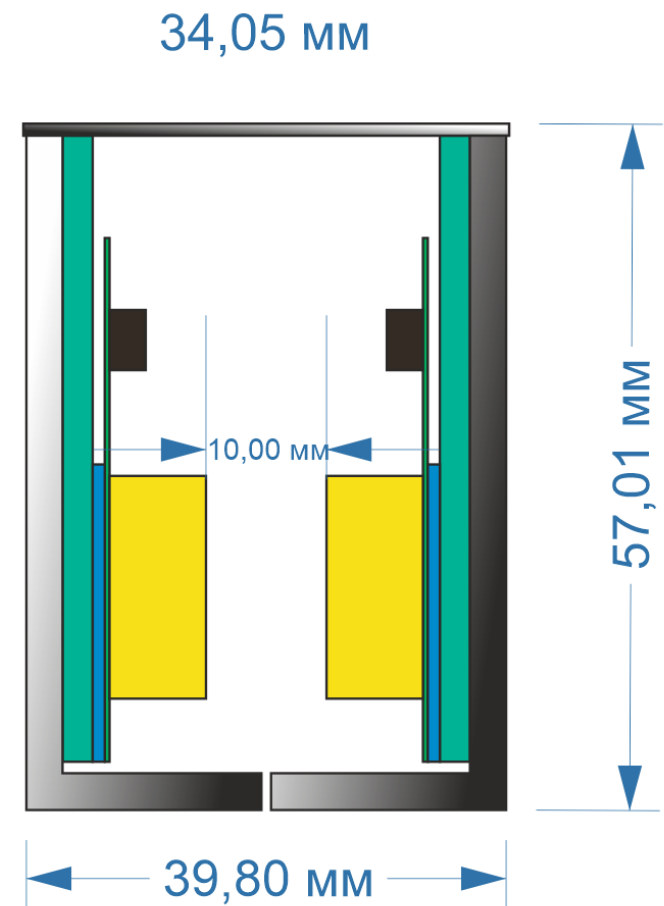
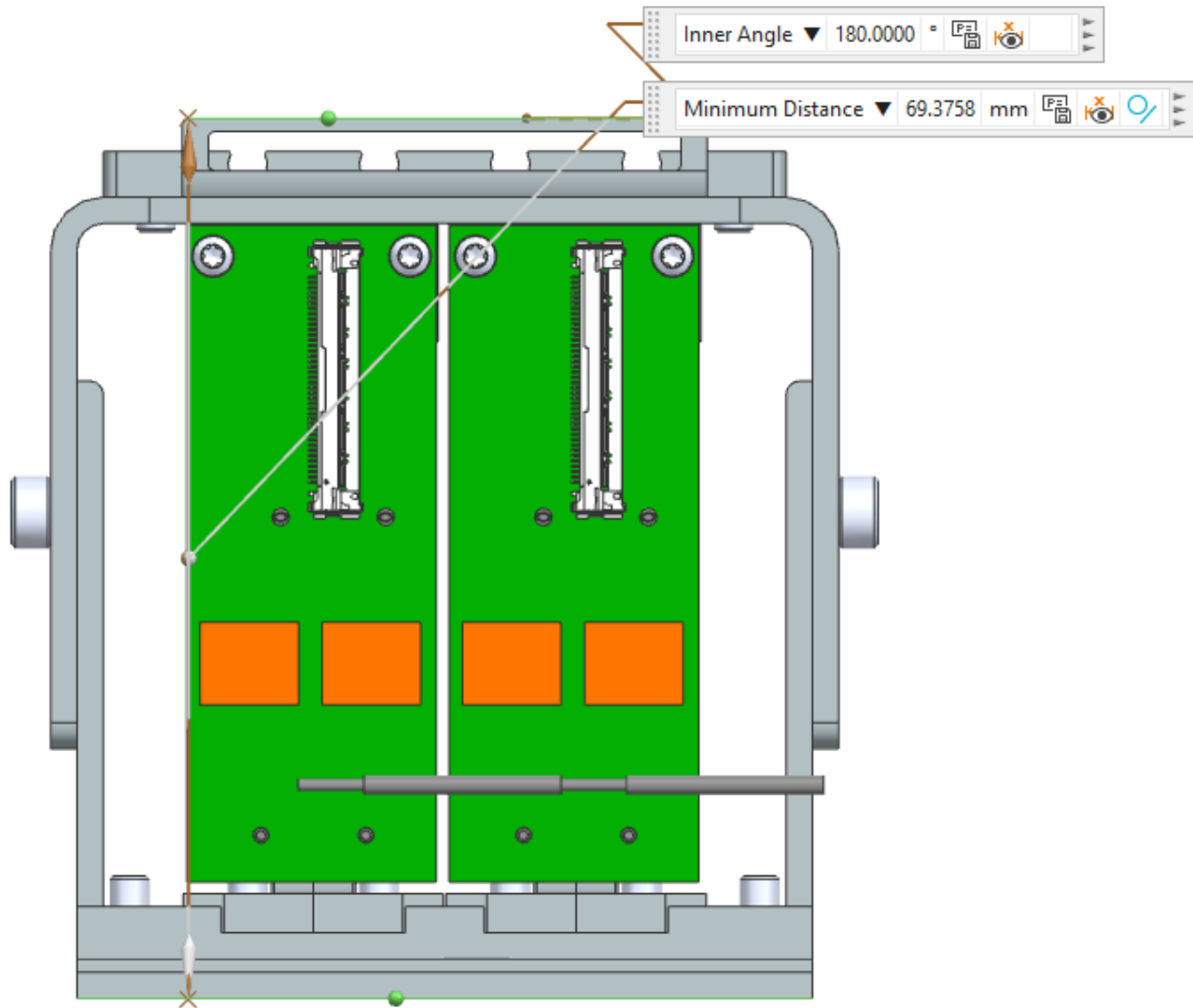
# Necessity of a new PoB design



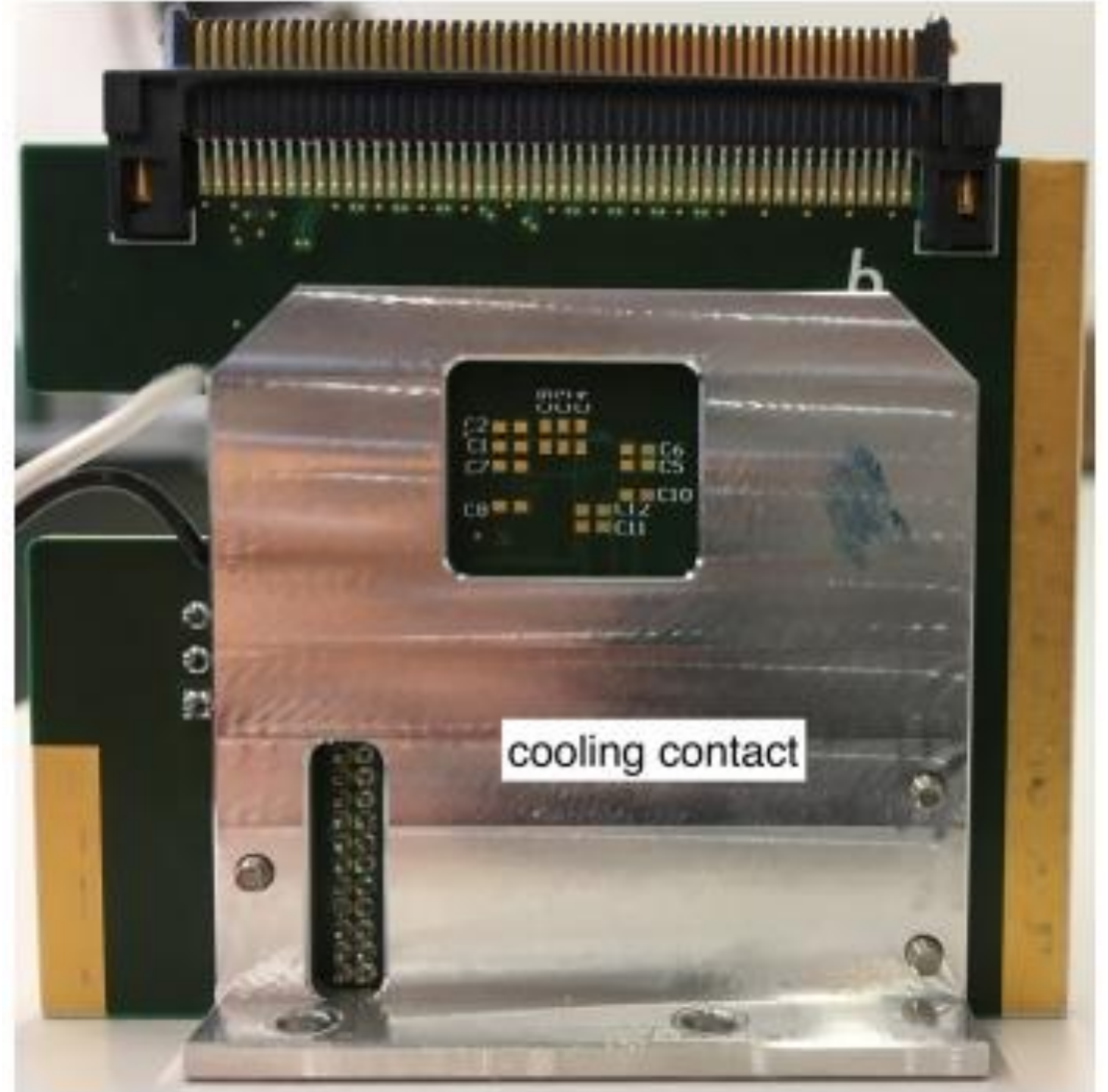
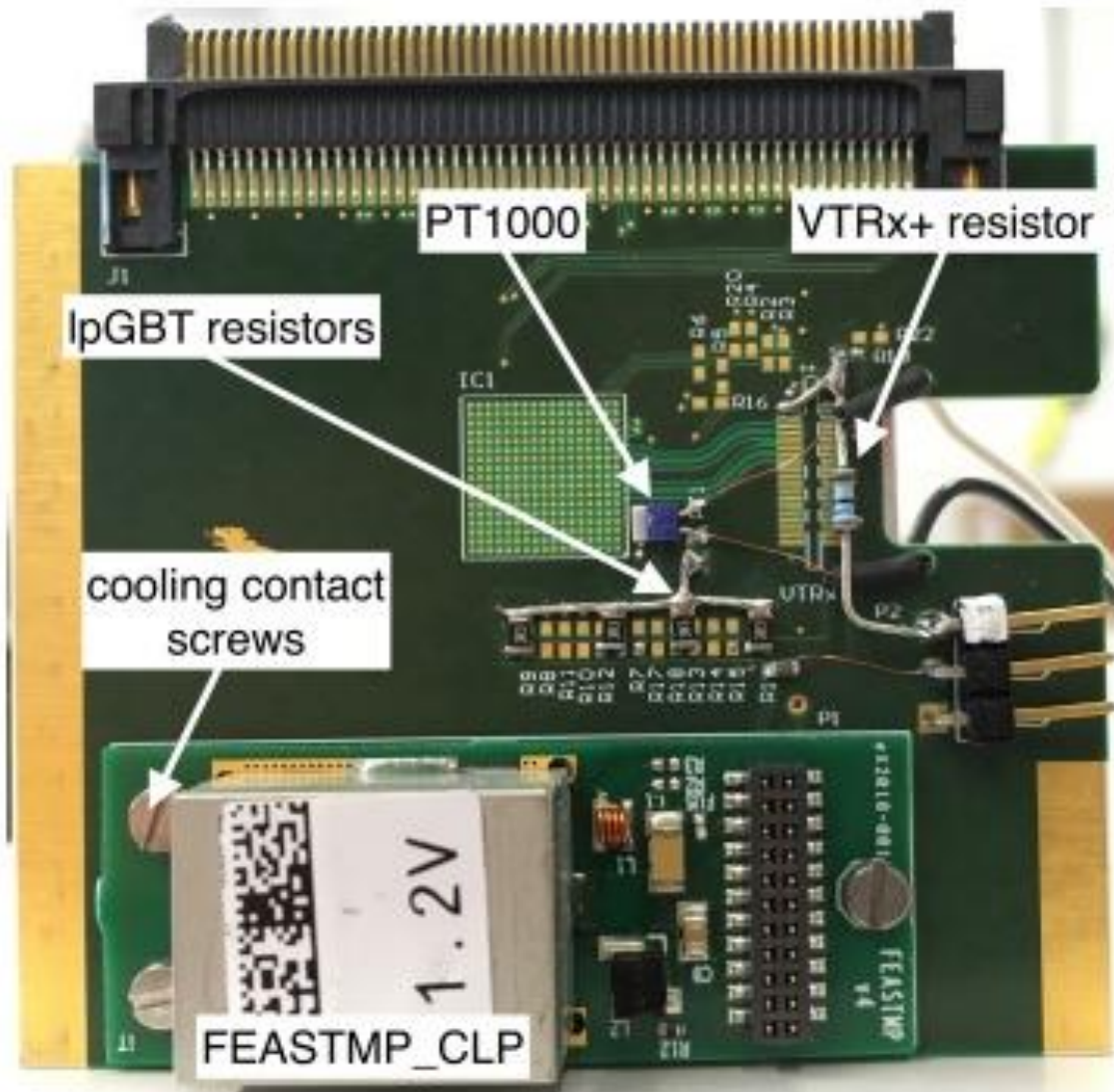
- FEASTMP\_CLP with **20-pins straight CLP** connector instead of FEASTMP with **12-pins right-angled connector** (CBM-STS type);
- Pin-head input/output connectors with a voltage range 250 V DC;

[10x *FEBs* – **POB**] -> [8x *FEBs* - 2x **POBs**]





# Example application

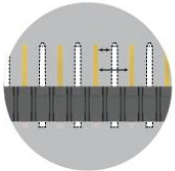


# Power connectors

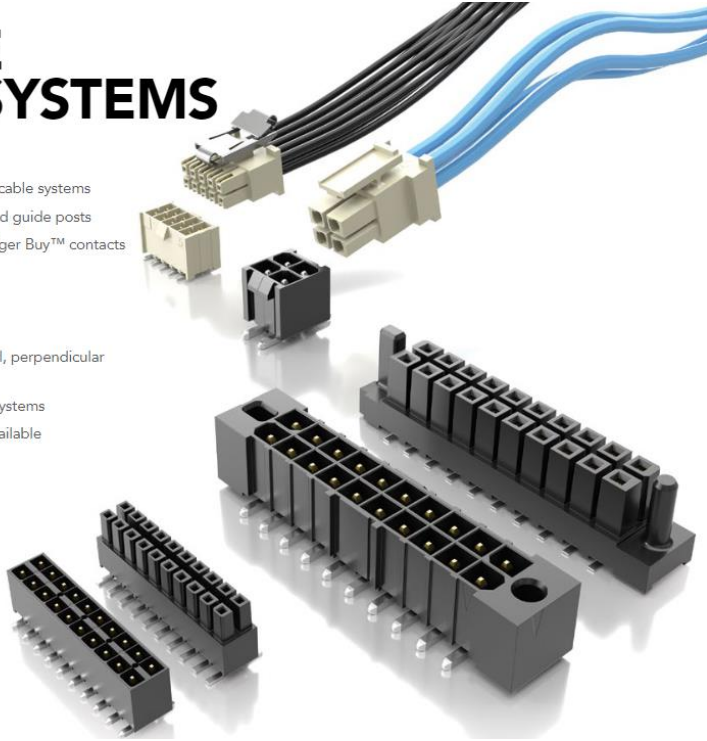
## FLEXIBLE POWER SYSTEMS

### FEATURES & BENEFITS

- Board-to-board and discrete wire cable systems
- Power Mate® system with polarized guide posts
- Mini Mate® system with reliable Tiger Buy™ contacts
- Individually shrouded contacts
- Elevated stack heights
- Optional polarization
- Vertical and right-angle for parallel, perpendicular and coplanar applications
- Rugged metal or plastic latching systems
- Cable components and tooling available



Selectively loading contacts achieves customer specific creepage and clearance requirements.



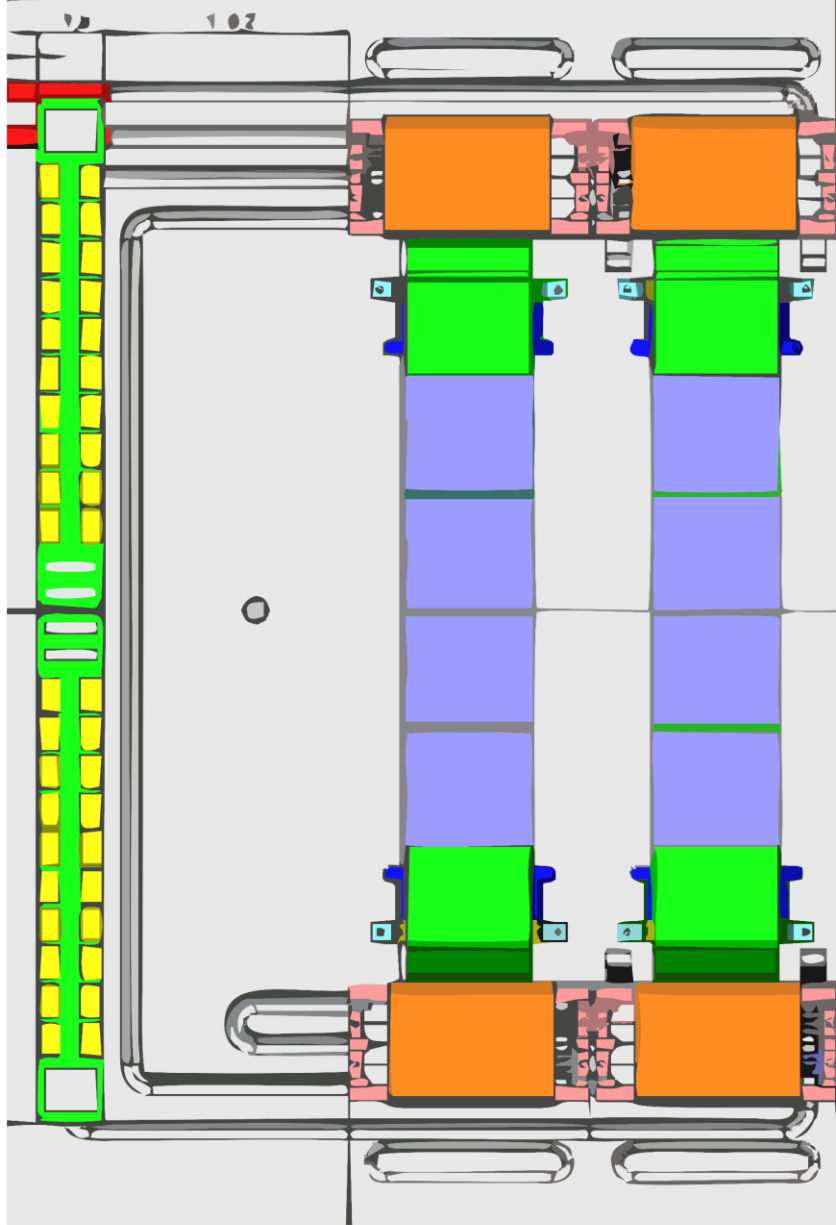
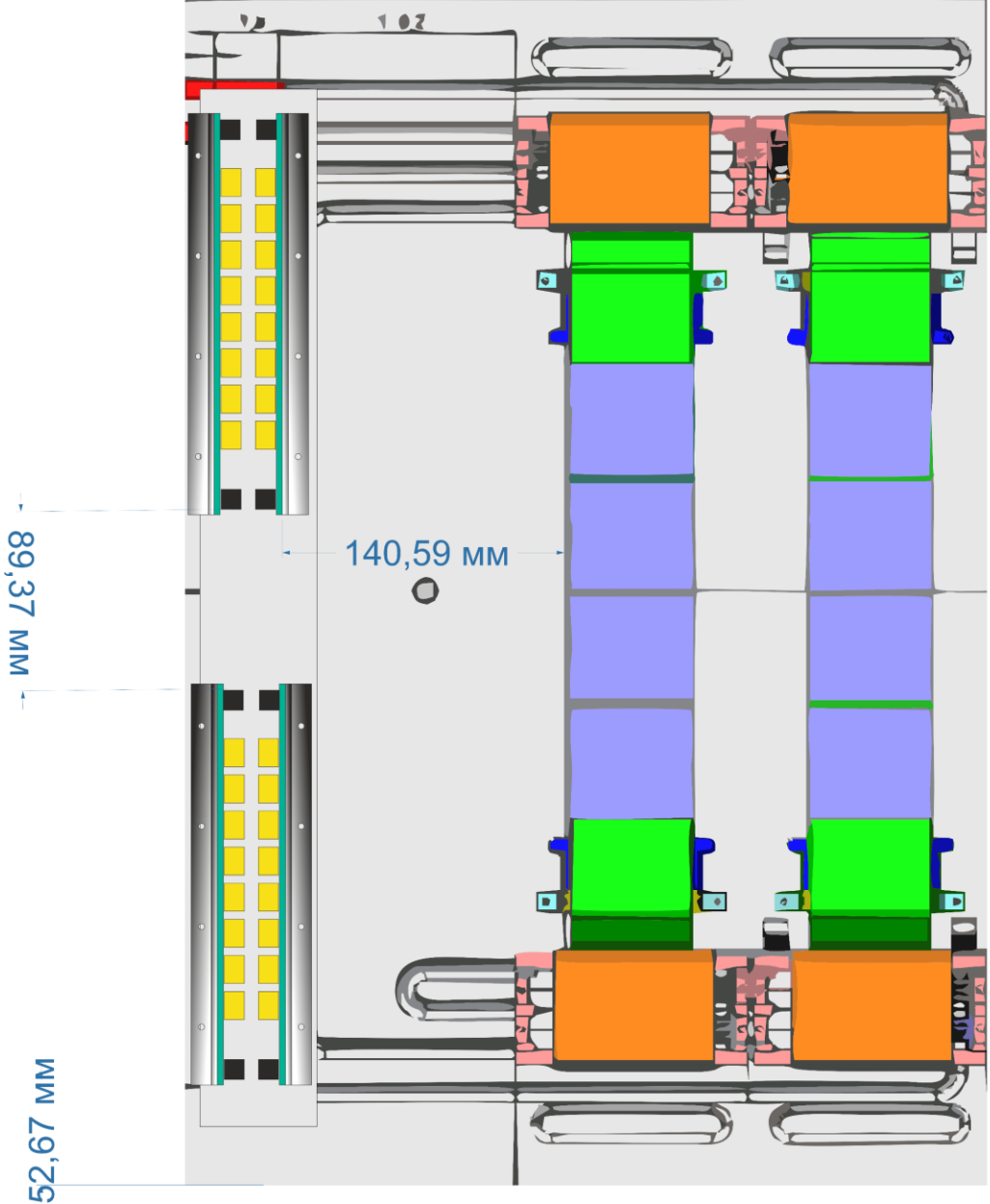
## PANTA® FIX POWER MIT MAS-CON® IDC



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# Quarter 1L (smallest)



# Quarter 4R (biggest)

