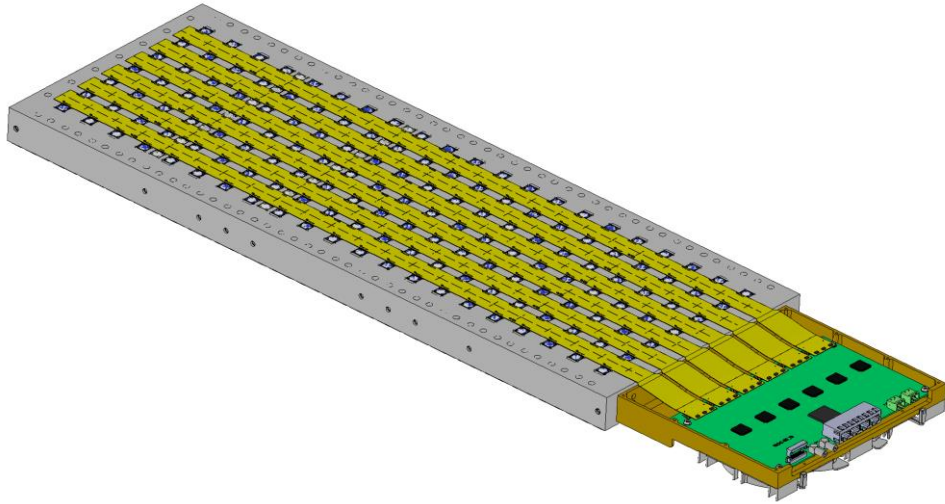


HERD CALO-PD Test Beam ICD-Kapton/TROC-02

05/10/2022

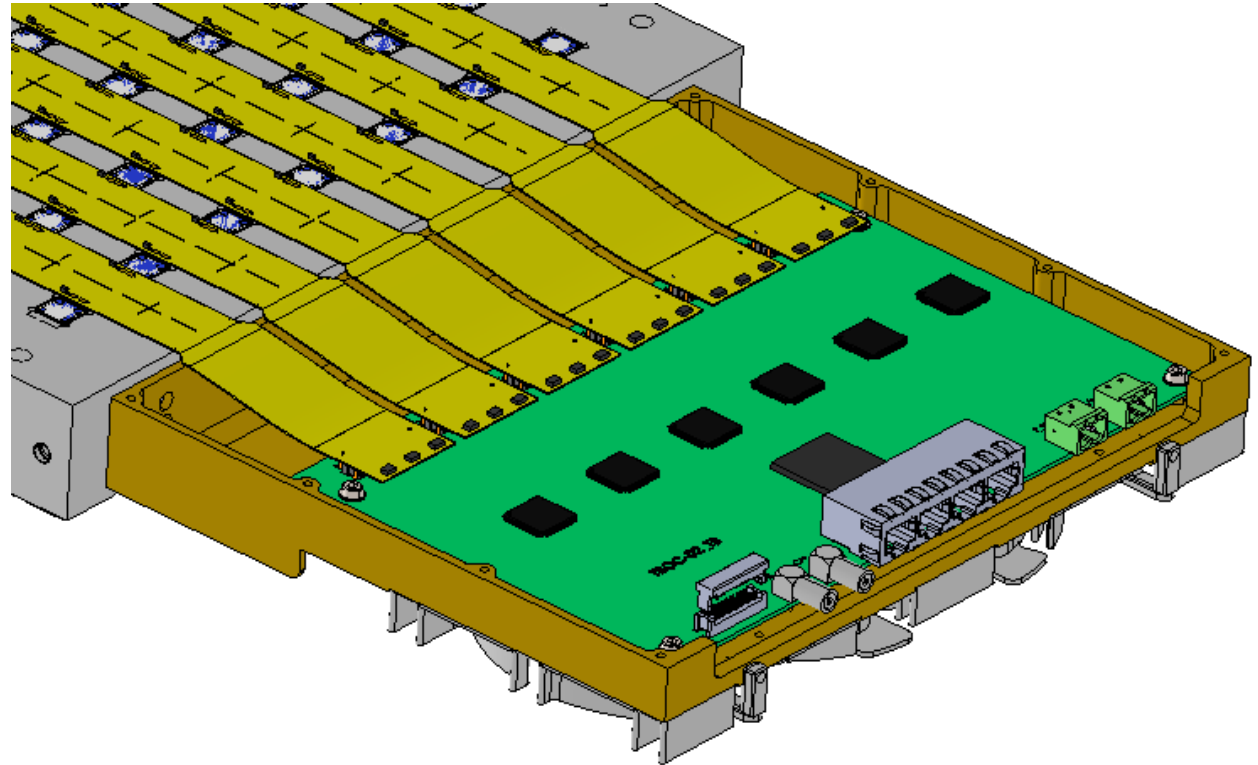
Carlos Díaz, Miguel Polo,
Jorge Casaus, Jesús Marín, Gustavo Martinez

- KAPTON TB proposed design

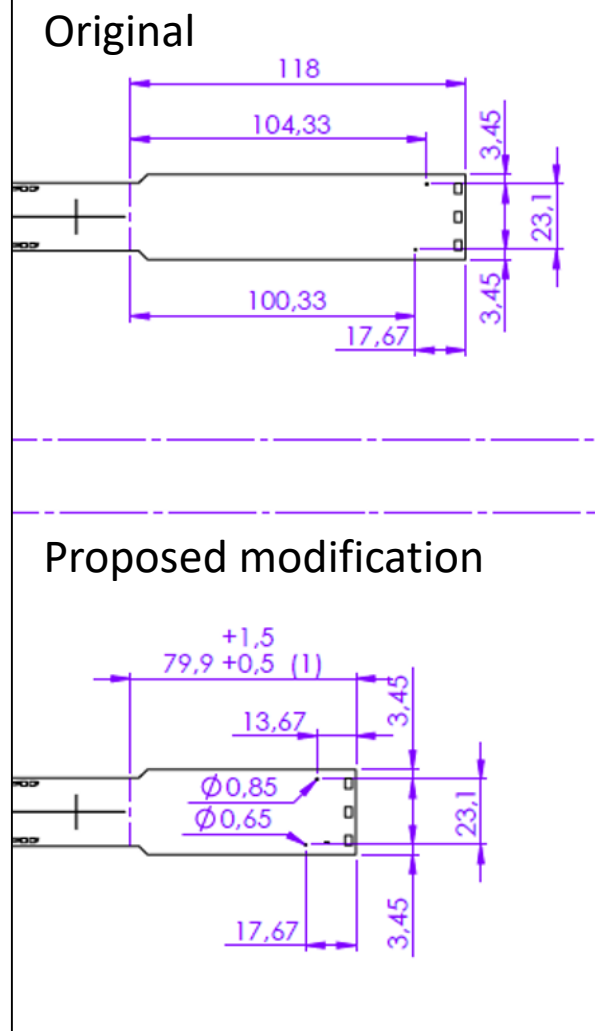
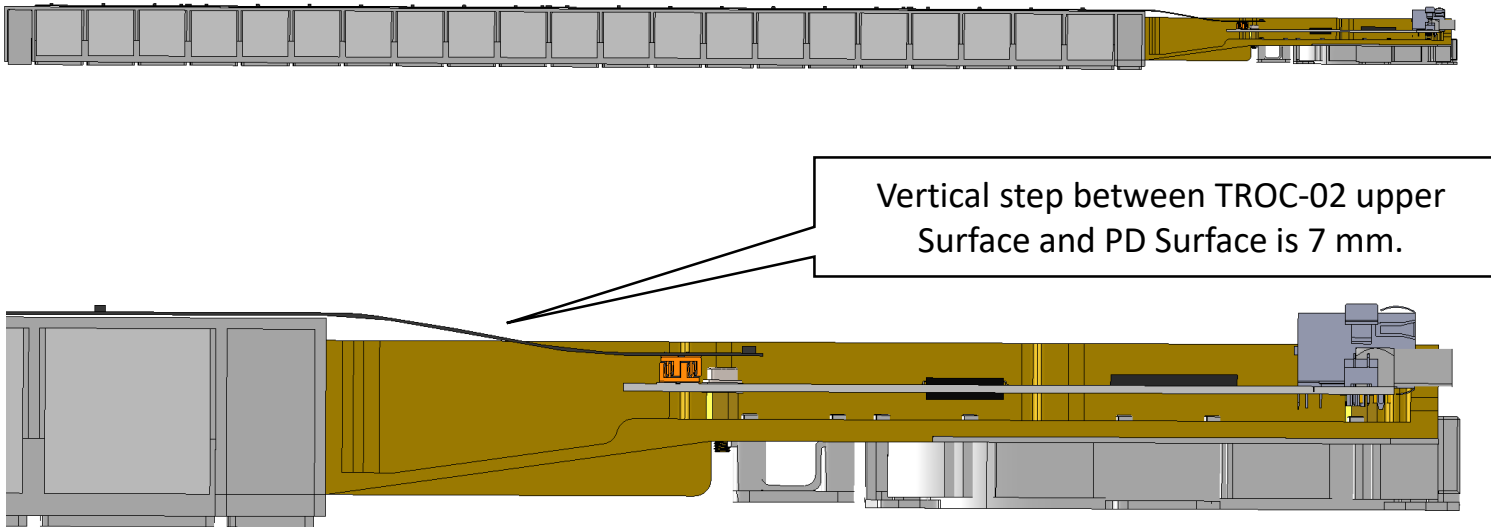
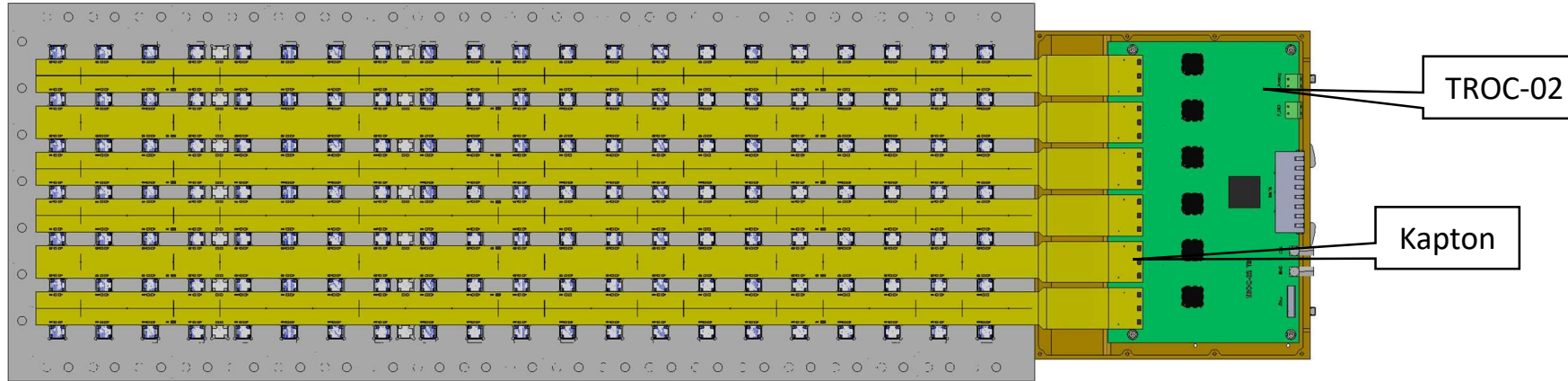


New Kapton design from
Lorenzo Pacini 26/09/2022

Main goal to define the kapton
length between TROC-02 and
first Photodiode.



KAPTON TB proposed design



• KAPTON TB final design

Open points:

1. Kapton extra length.

The dimension shown in the drawing is the nominal from the 3D model, we propose to add between 0.5 and 1.5 mm extra for contingency. Is it ok? can it be absorbed in the PD welding points?

2.- Assembly procedure

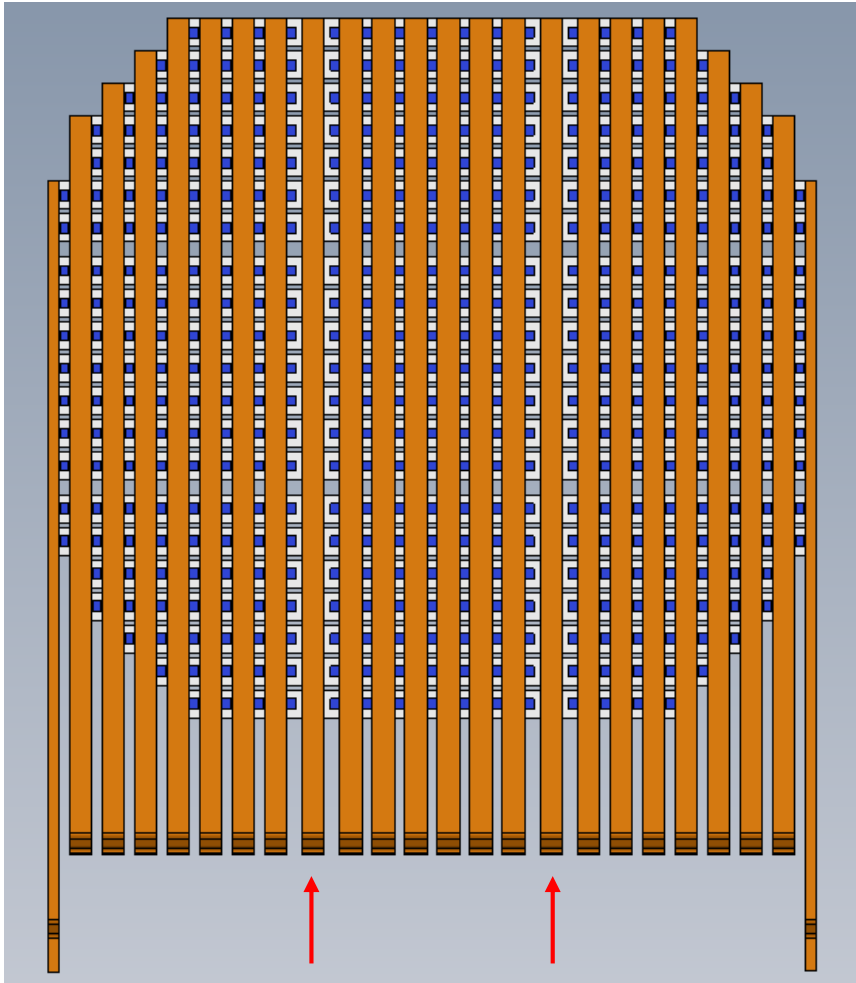
We propose to mate the connector between Kapton and TROC-02 by using a dummy TROC-02, then fix the Kapton in the correct location by using Kapton tape and finally perform the welding.

3.- Connector pin out

Is correct the assumption of Kapton(Pin1) to TROC-02(Pin2)

4.- TROC-02 external connectors new distribution.

- Kapton FM



Due to the tray packing procedure, both Kapton's shown in figure interfere with the fixation screws.

