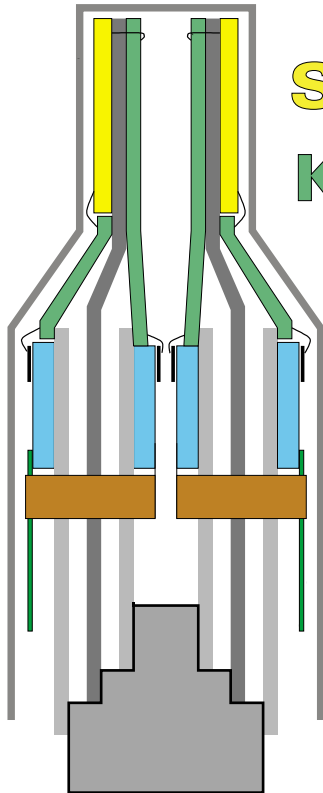


Module Design



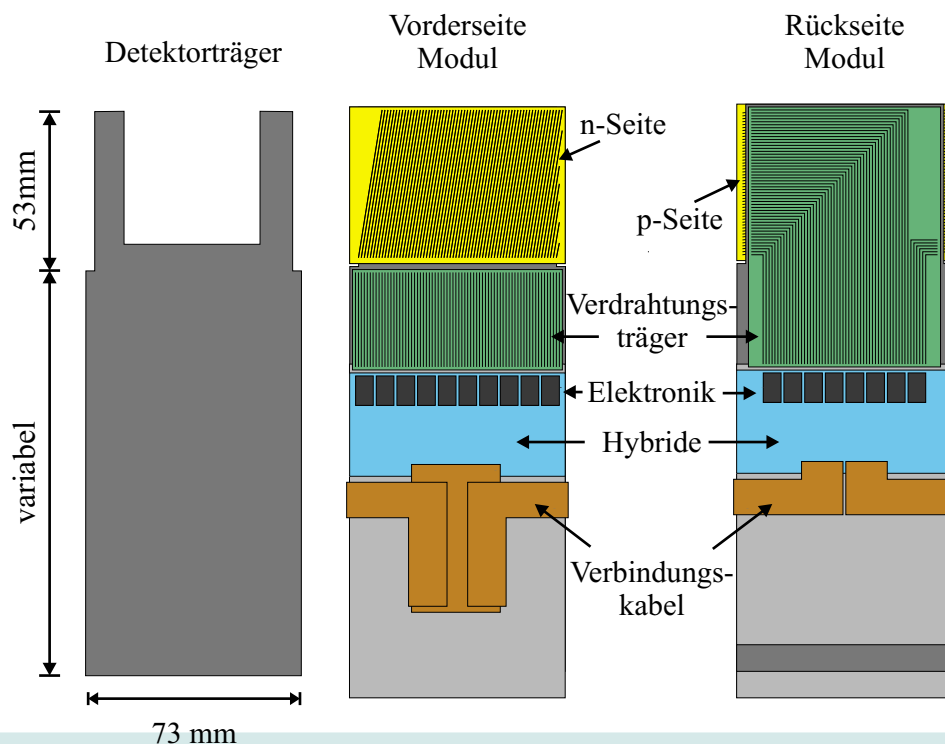
Silicon Detectors

Kapton Flex-Jumpers

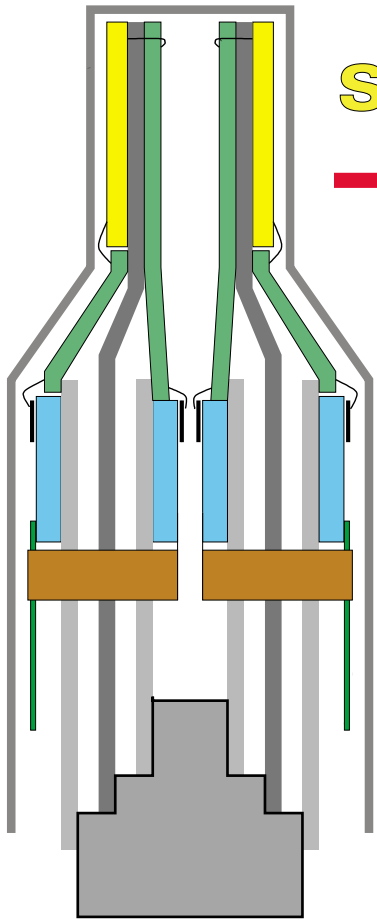
Bent Carbon Fiber

Ceramic Hybrids

**Separate cooling
paths for detectors
and electronics!**



QC for Parts



Silicon Detectors

→ **manufacturer**

Kapton Flex-Jumpers

→ **manufacturer**
[no open traces]

Bent Carbon Fiber

→ **manufacturer**
[moderate
mechanical
accuracy]

Ceramic Hybrids

chips before mounting
hybrid after SMD loading
complete hybrid



more QC problems here
than anywhere else