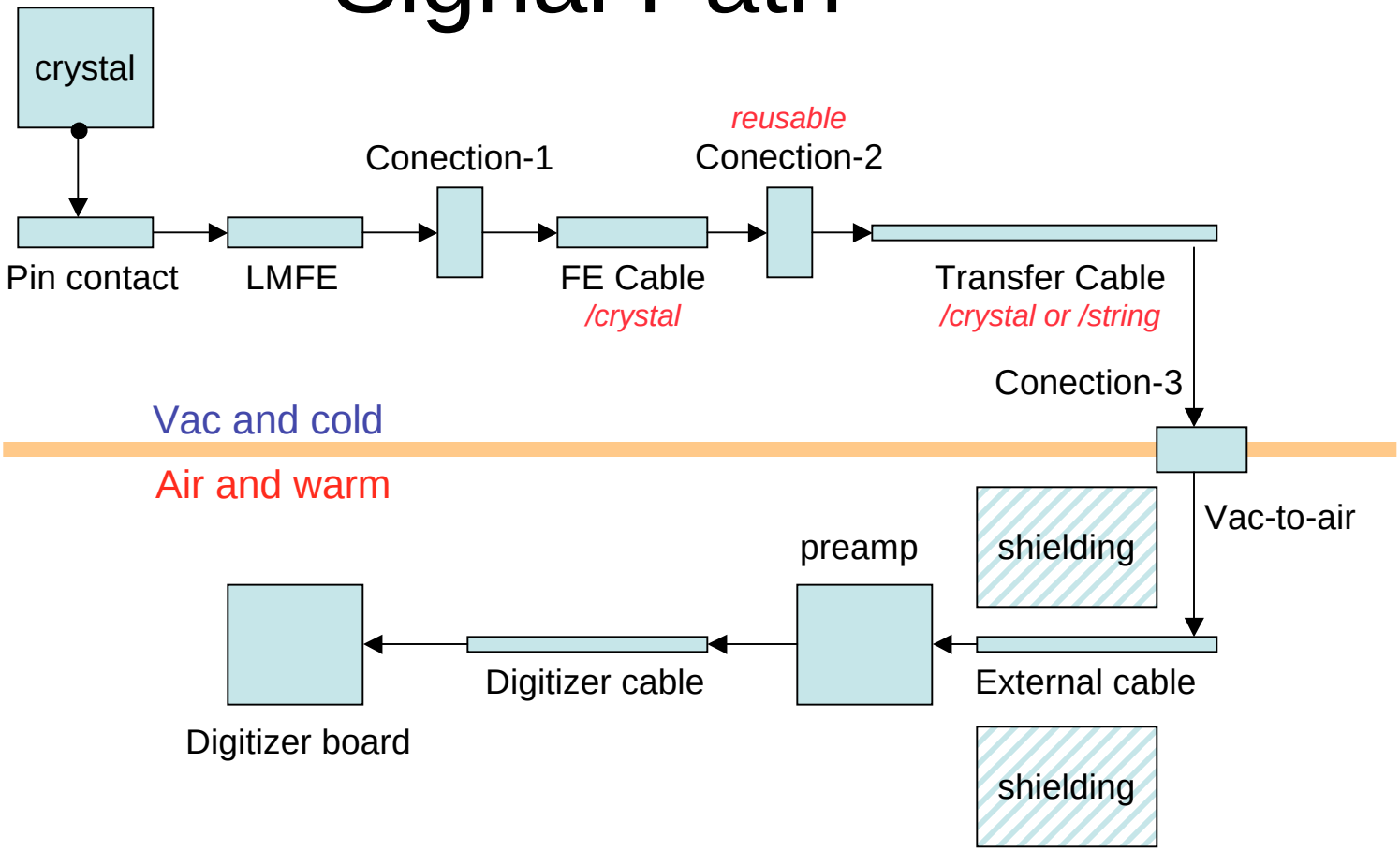
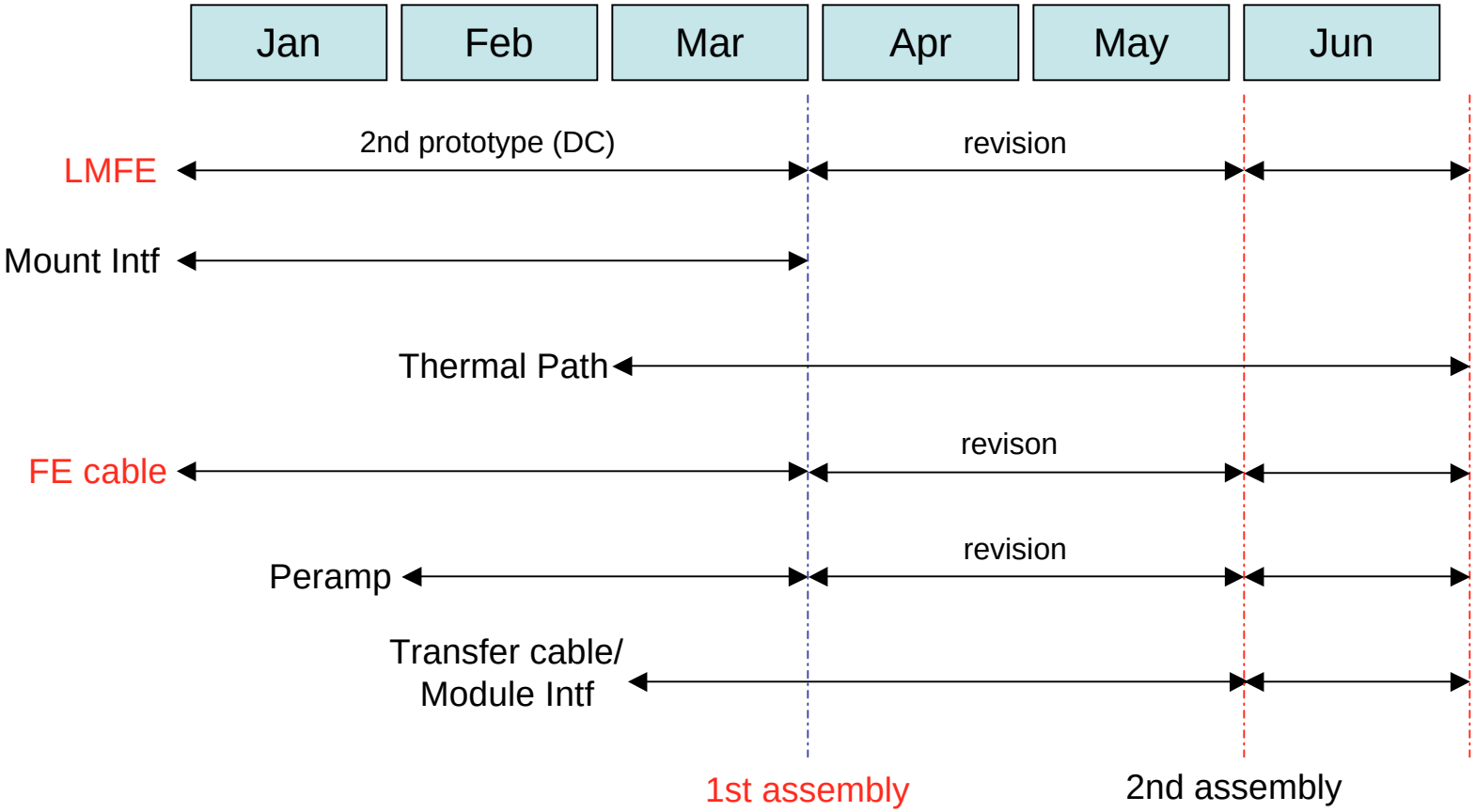
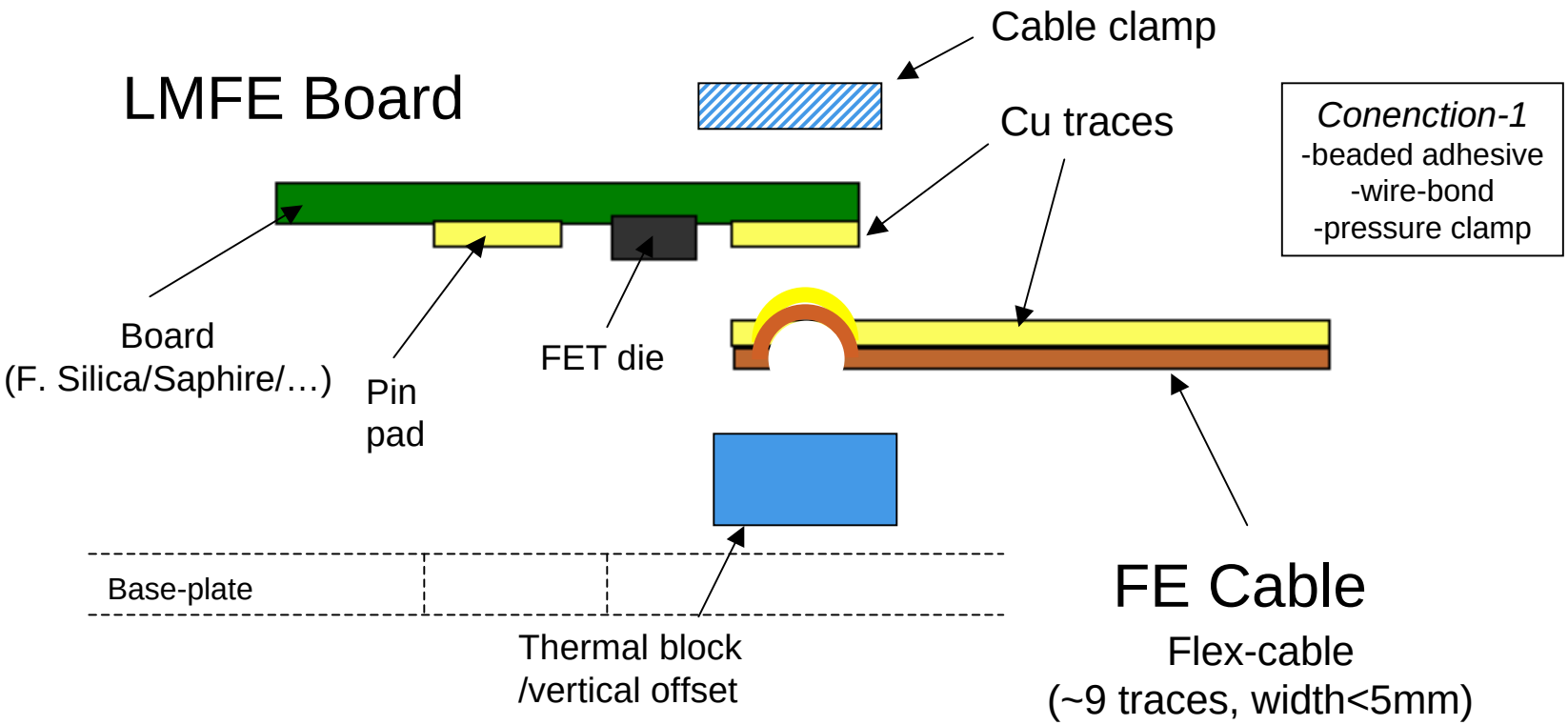
Signal Path


crystal
Pin contact
LMFE
Conection-1
FE Cable
/crystal
reusable
Conection-2
Transfer Cable
/crystal or /string
Conection-3
Vac and cold
Air and warm
Vac-to-air
shielding
preamp
Digitizer board
Digitizer cable
External cable
shielding

Schedule & Milestones



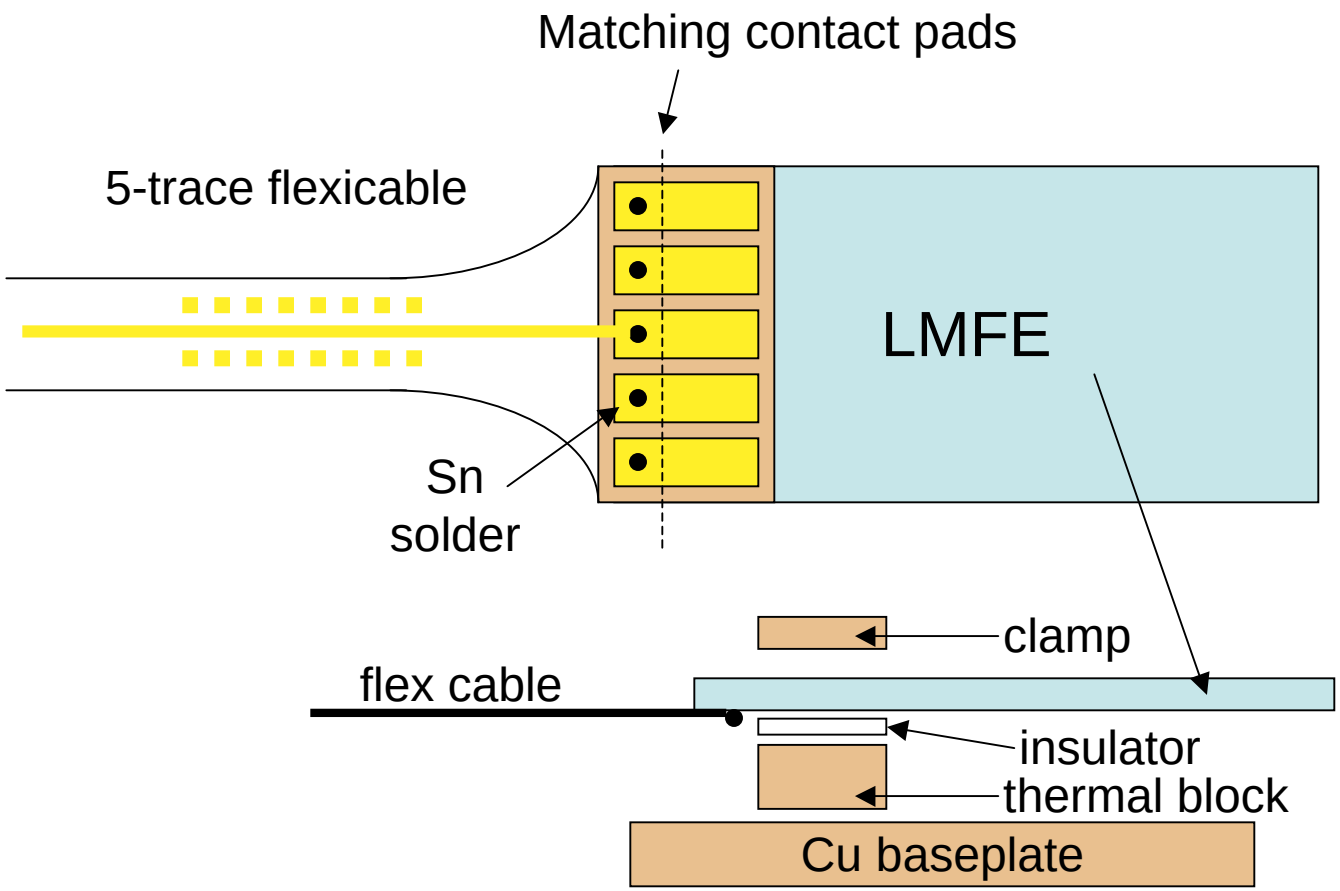
FE Cable & Thermal Block



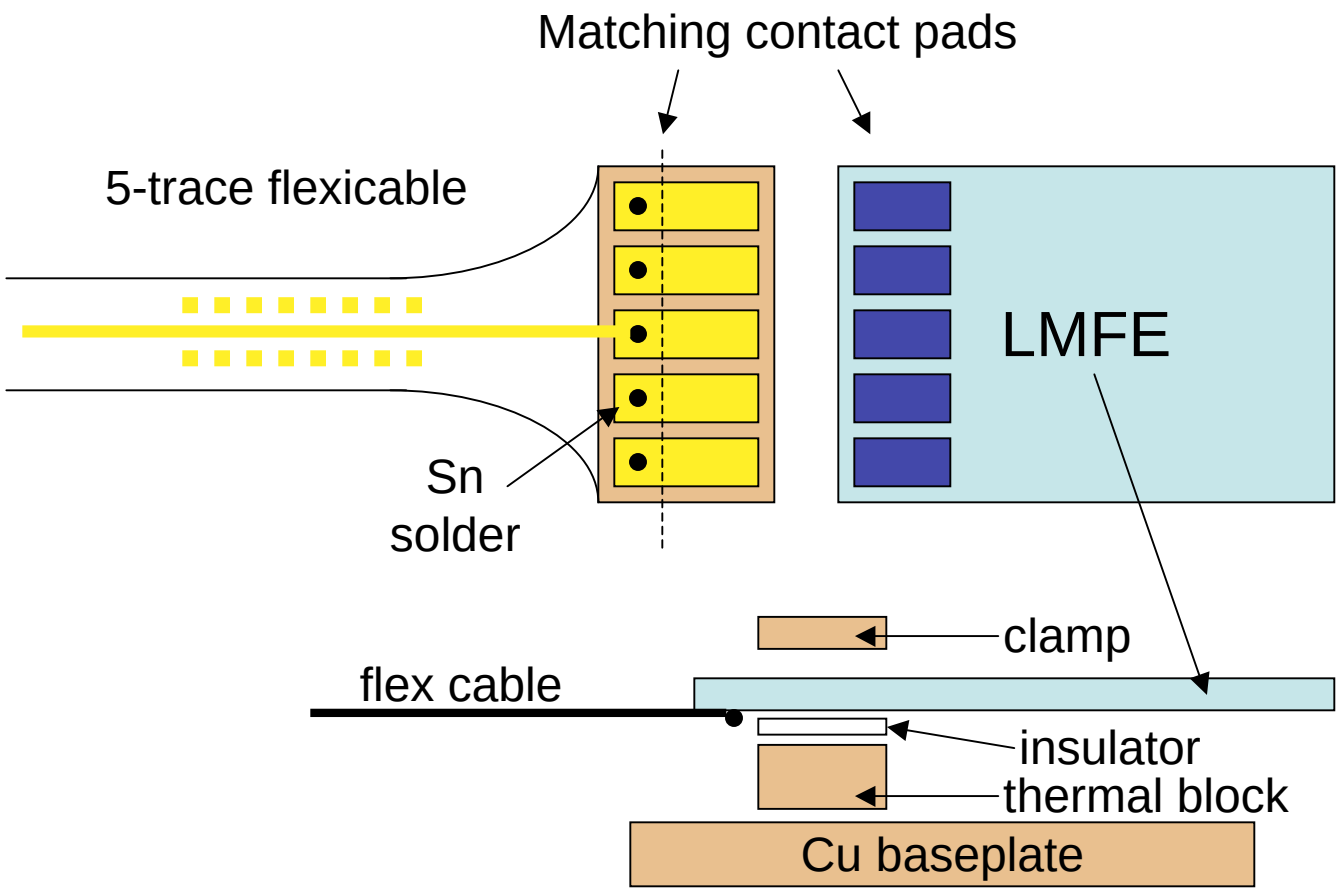
FE Cable

Flex-cable
(~9 traces, width<5mm)
- CuFlon/Kapton
- flat/bundled flex-parylene cable

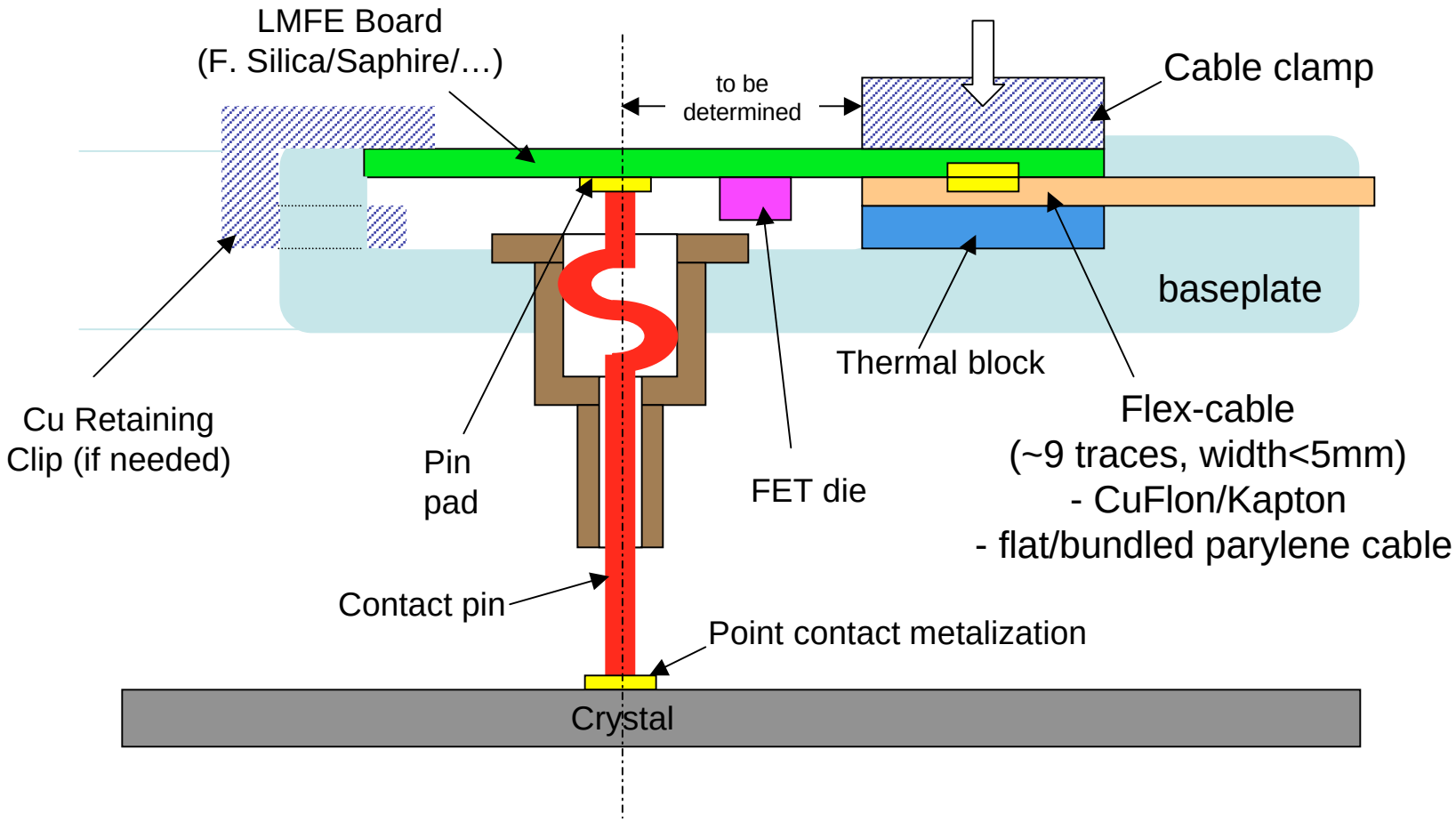
Cable clamp/connection



Cable clamp/connection

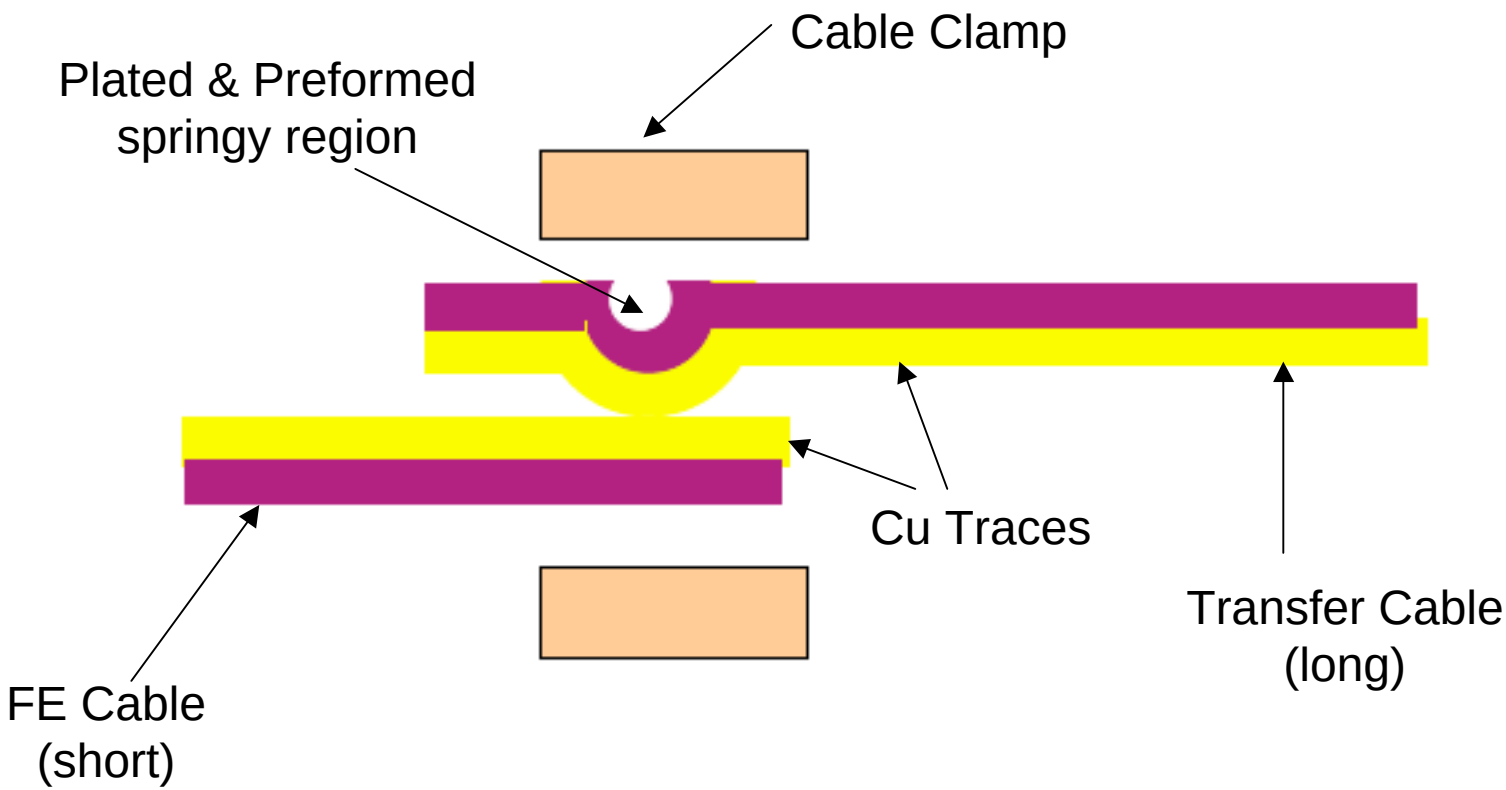


Pin Holder Assembly (sideview)

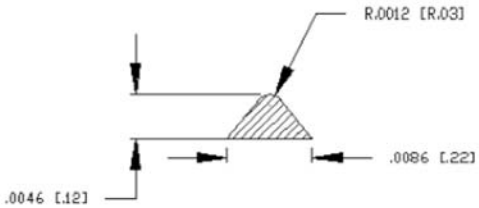


Cable conenctions

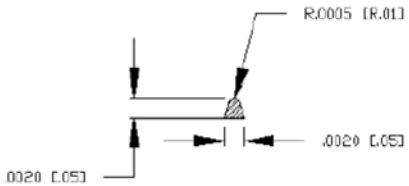
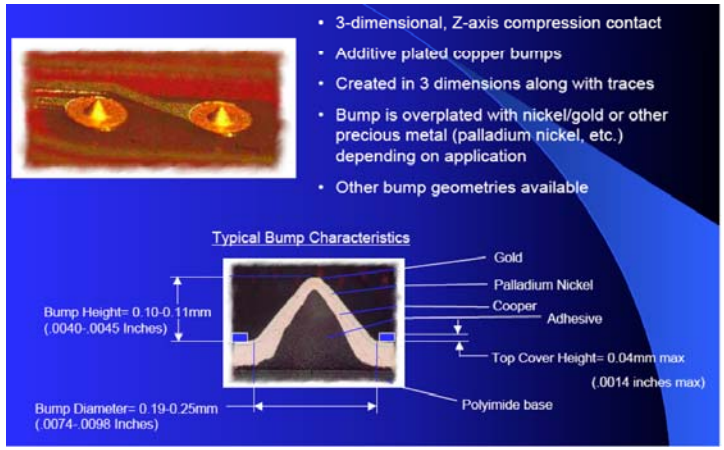
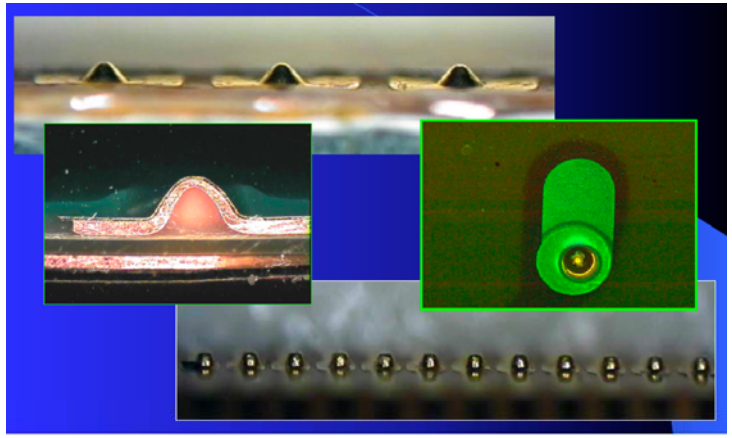
- Bonding/Adhesive (permanent)
- Reusable (e.g. Connection-2)



Non-pin&socket connection options (clamping)



STD BUMP



PROBE BUMP 2,2