



New Project Proposal: Connectors For Pluggable Multi-Purpose Module (PMM)

Presented: 07/14/2023

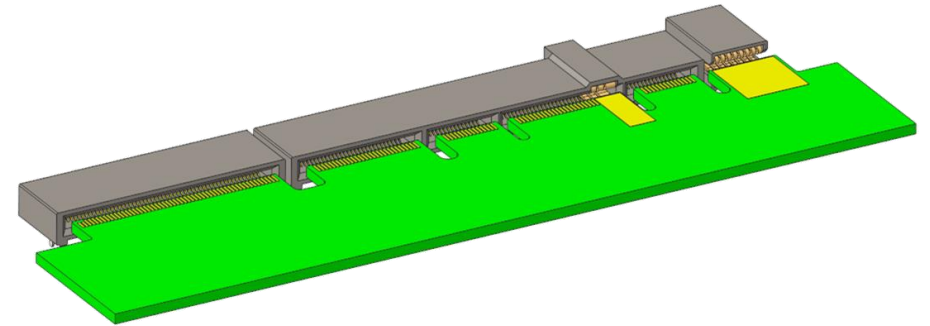
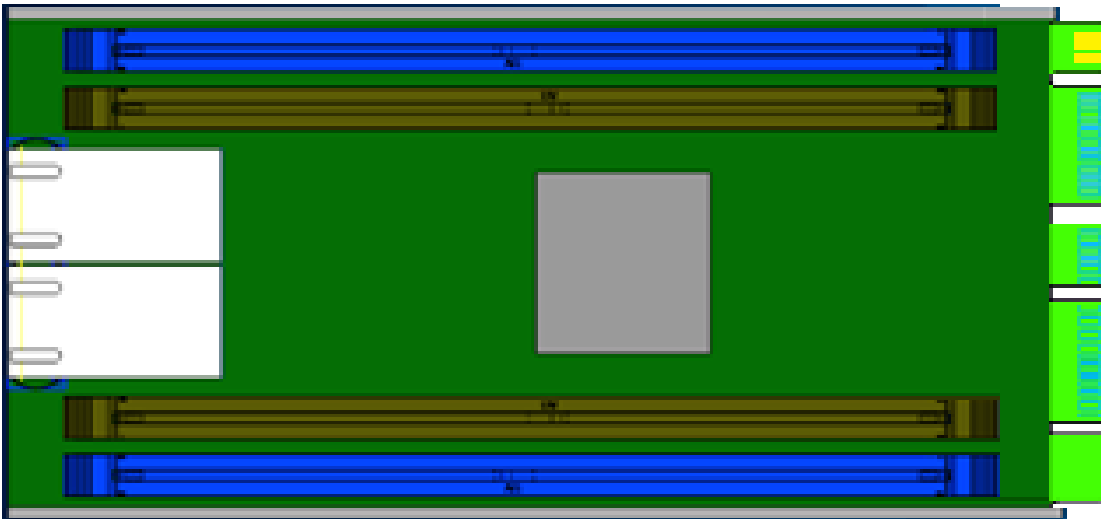
Presenter: Zhineng Fan [Amphenol]

New Project Proposal: Document Number Need

- Provide a connector solution that supports Pluggable Multi-purpose Module with high speed, sideband and power needs.
- Define connector-module interface for mating compatibility. Specify form, fit and function to enable broad compatibility
- The connector solution includes:
 - SFF –TA-1002 4C+ pin compatible connector with higher power capability
 - Addition signal connector to provide 32 high speed differential pair
 - Additional power connector to support high power modules
- Editor: Zhineng Fan [Amphenol]; Anthony Constantine [Intel]
- Sponsors:
 1. Amphenol
 2. CISCO
 3. FIT
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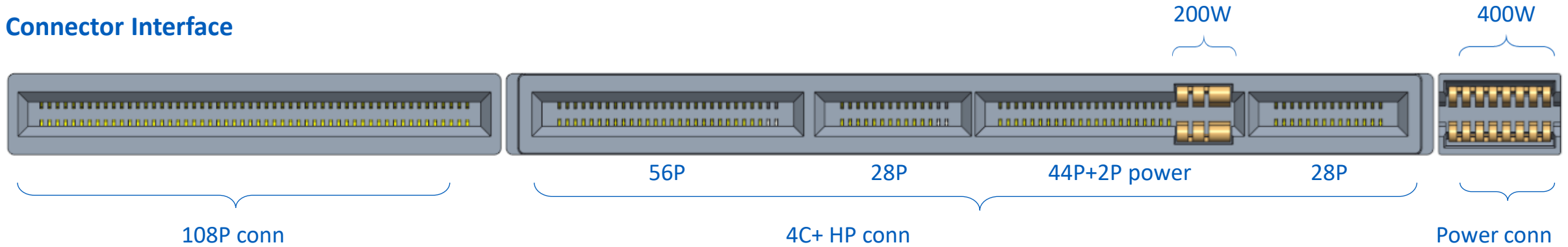
Applications

SNIA SFF TA-1034 is developing PMM module application spec. This project is to provide a connector solution for the application.

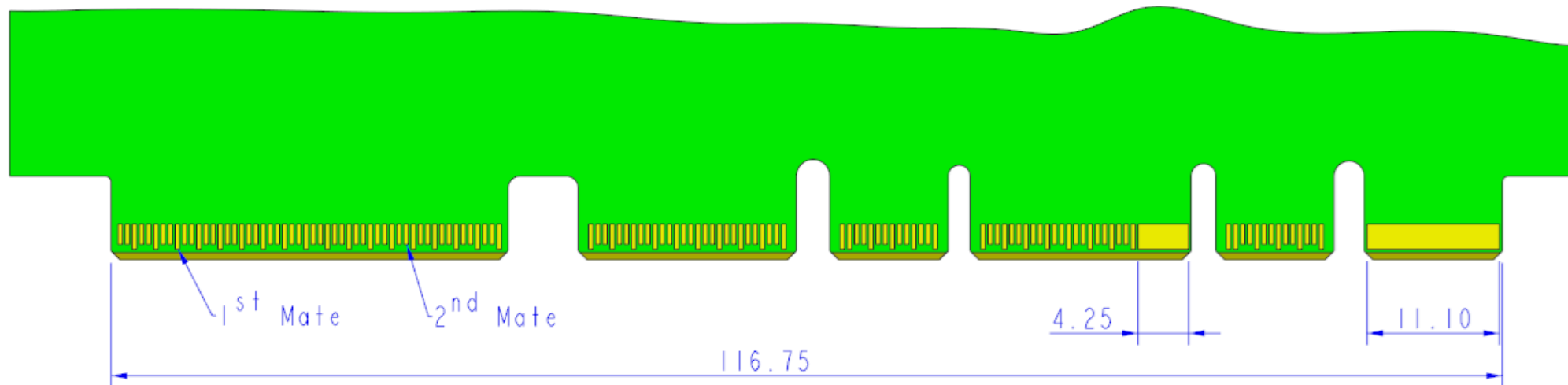


Mating Interface

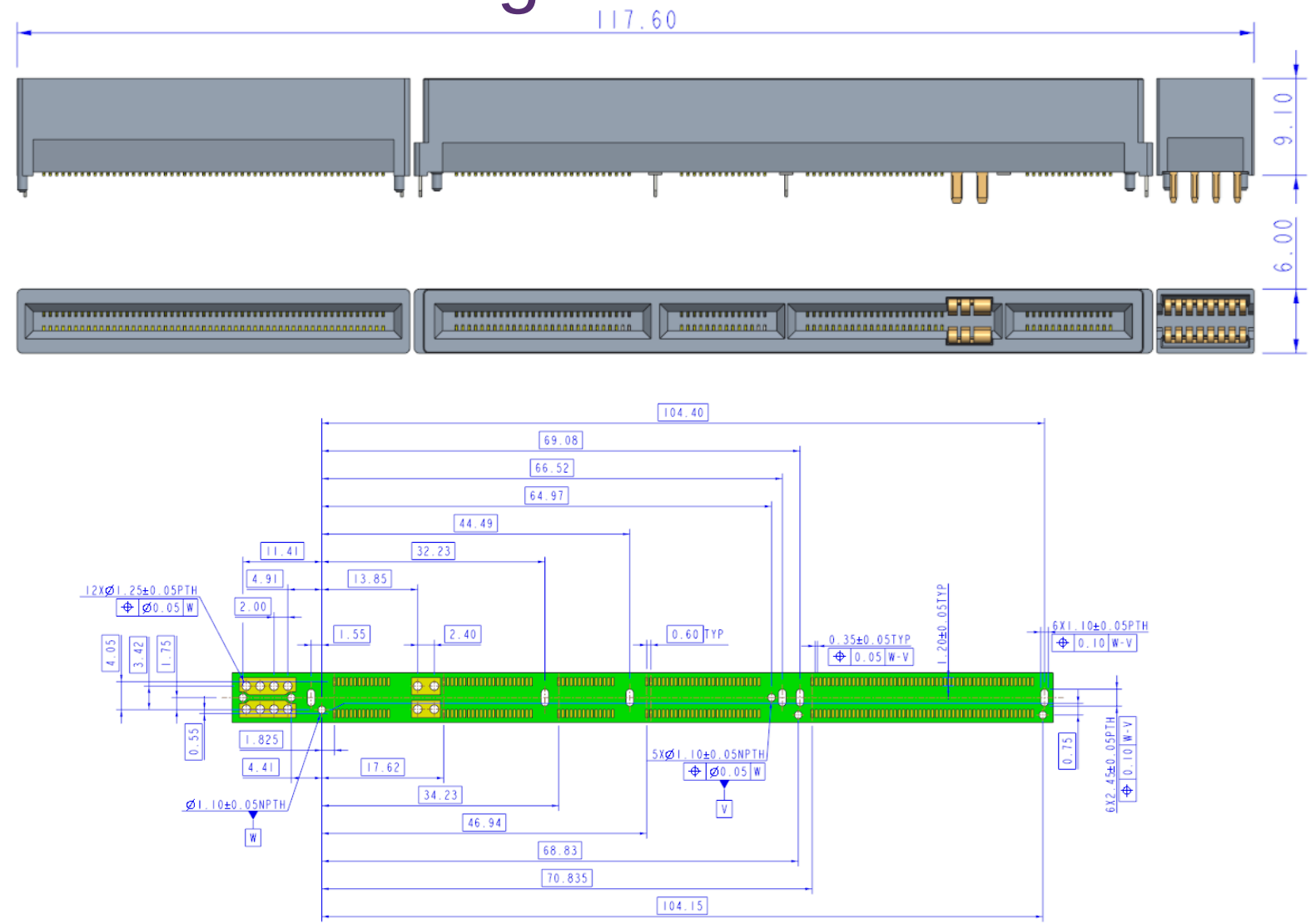
- Connector Interface



- AIC card interface

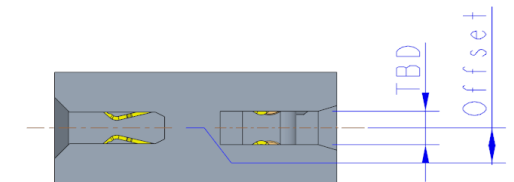
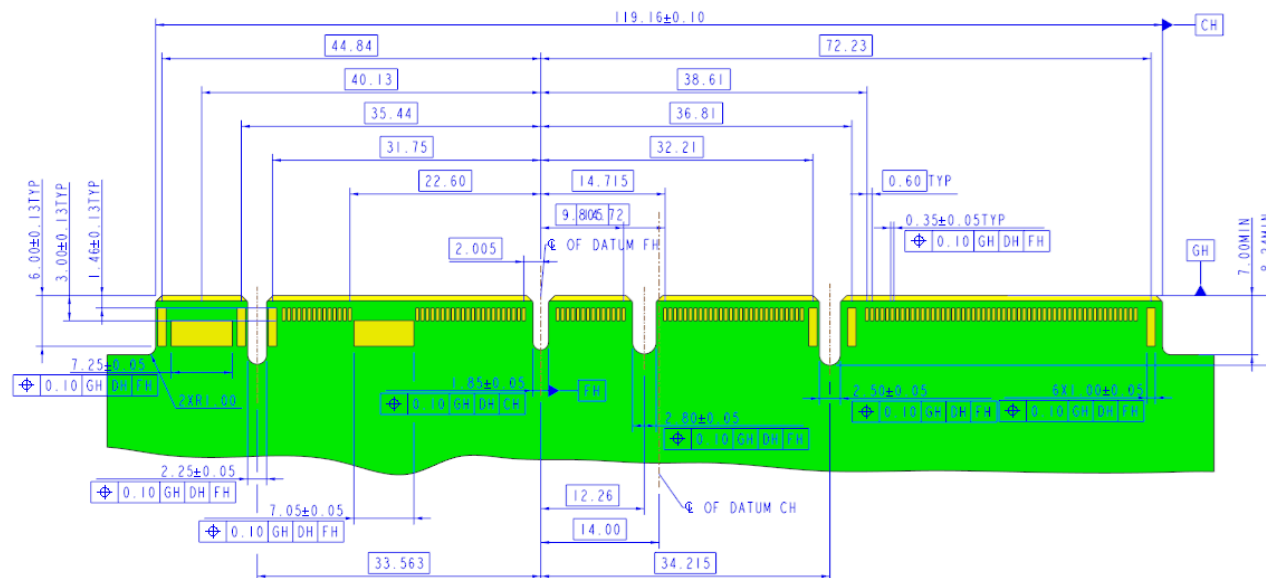
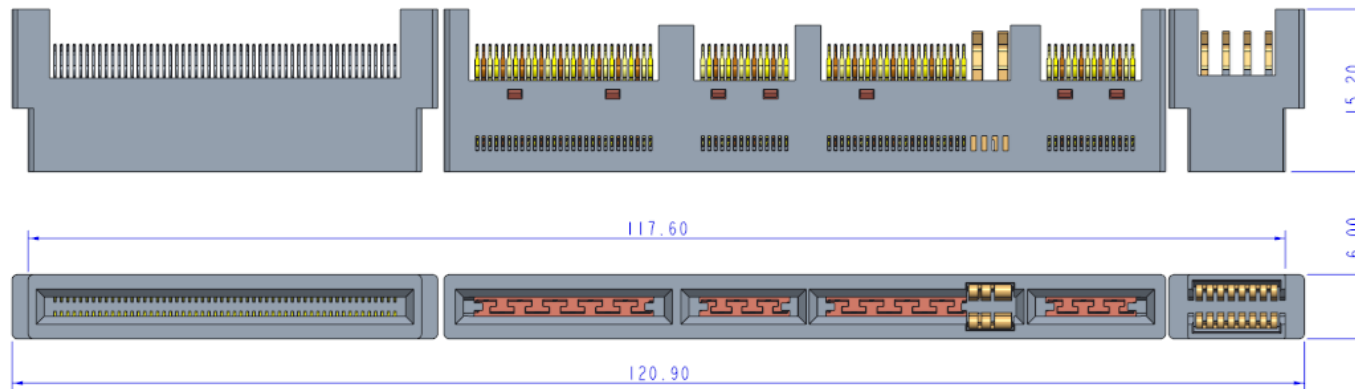


Vertical Connector Configuration



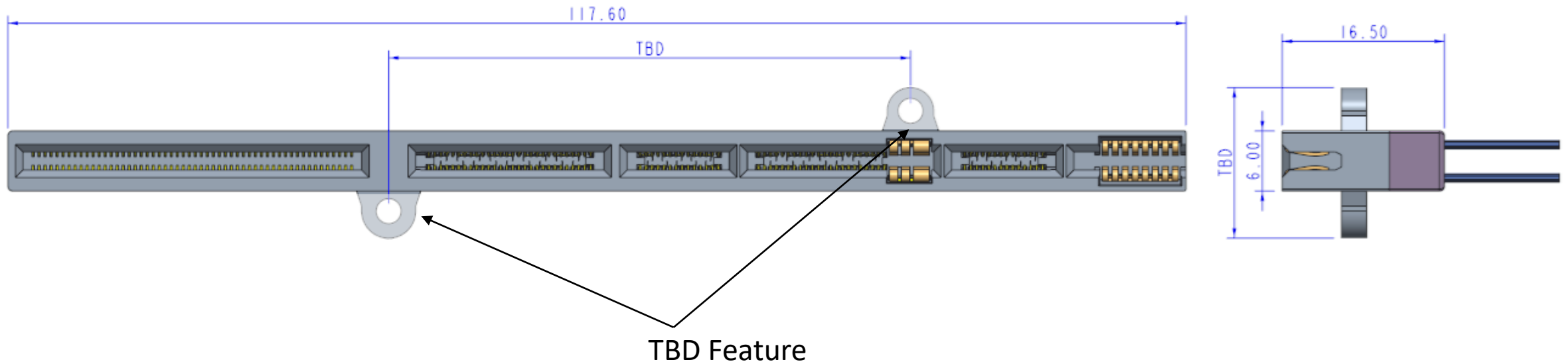
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Straddle Mount Connector Configuration



Panel Mount Connector Configuration

- Compatible mating interface
- Mounting feature to be defined



Thank You!