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New Project Proposal: SFF-TA-1044

Presented: Aug 22, 2025

Presenter: Zhineng Fan [Amphenol]
Zhineng.fan@amphenol-tcs.com
Supporters: Josh Sinykin [Broadcom] & Howard Andrews [Lotes]

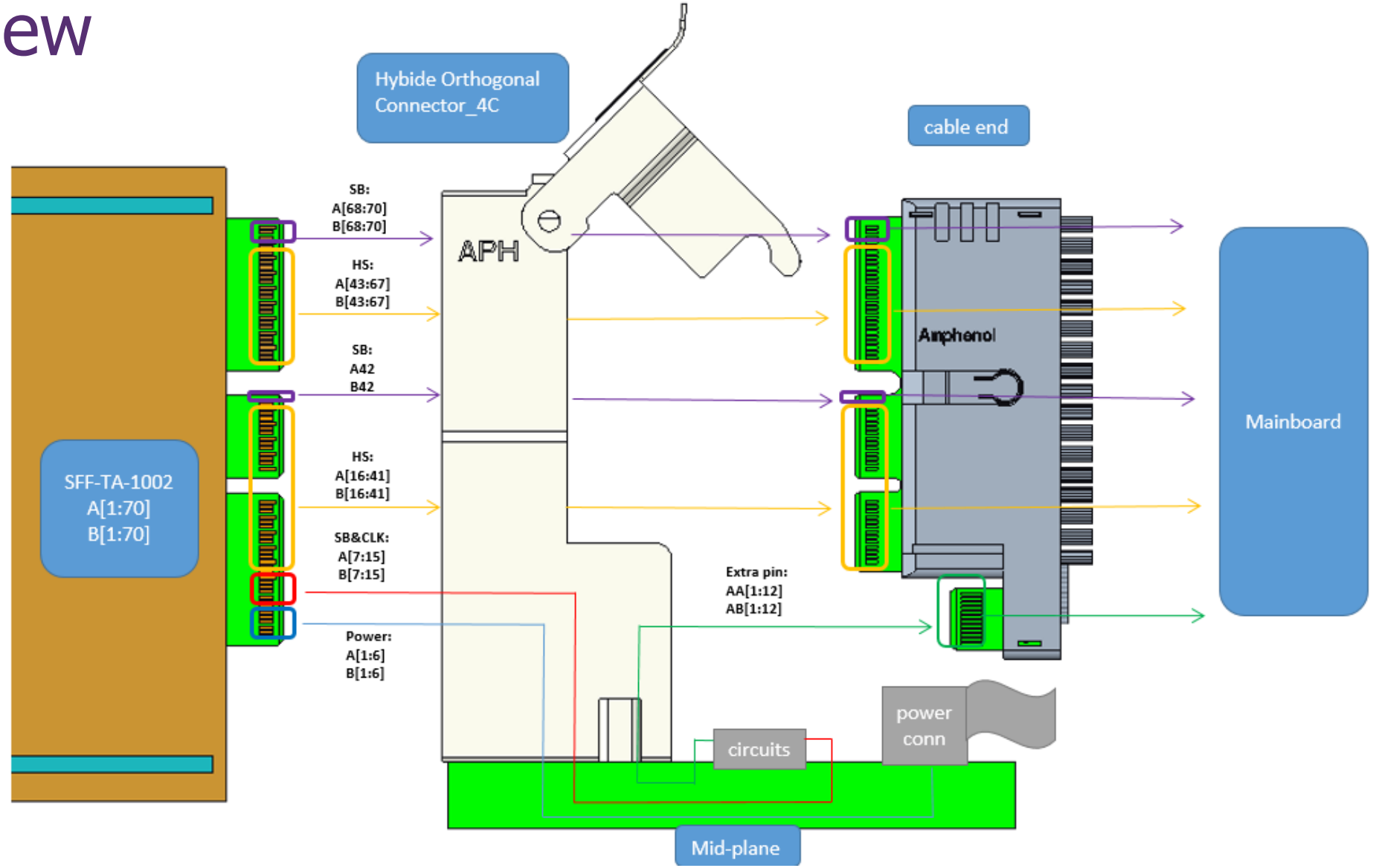
New Project Proposal: SFF-TA-1044

- The specification defines a connector interface that accepts EDSFF device at one side and accepts a cable plug on the other side. The power and sidebands routine through midplane.
- Suggested Title: Hybrid Orthogonal EDSFF Connector System
- Editor(s): Zhineng Fan
- Supporters:
  1. Amphenol
  2. Broadcom
  3. Lotes

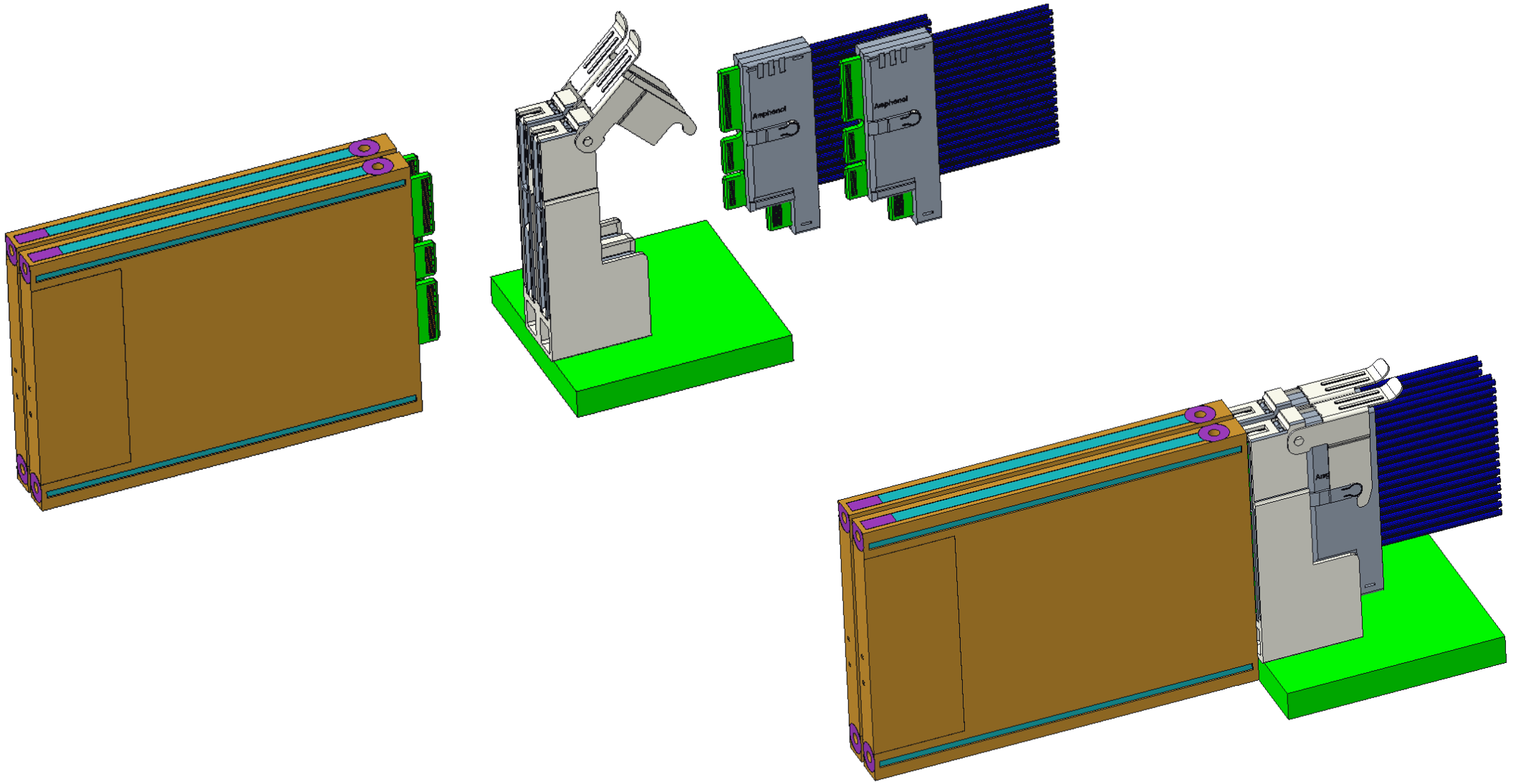
New Project Proposal: SFF-TA-1044

- The goal is to define a connector mechanical form factor
  - Define connector interface (1C, 2C and 4C) that is compatible with EDSFF SFF TA-1008
  - Define cable exit interface and cable plug
  - Define pins enter and exit midplane
  - Define mounting features including ganged version
- IP Declaration (if applicable):
  - CN 218770143 U
  - TW M657342 U
- Optional: General timeline for project completion
  - Target November for the first draft

Overview

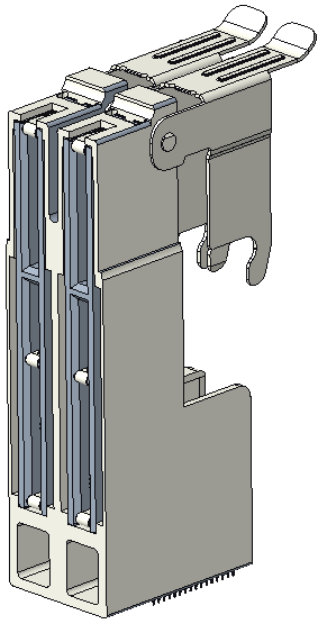


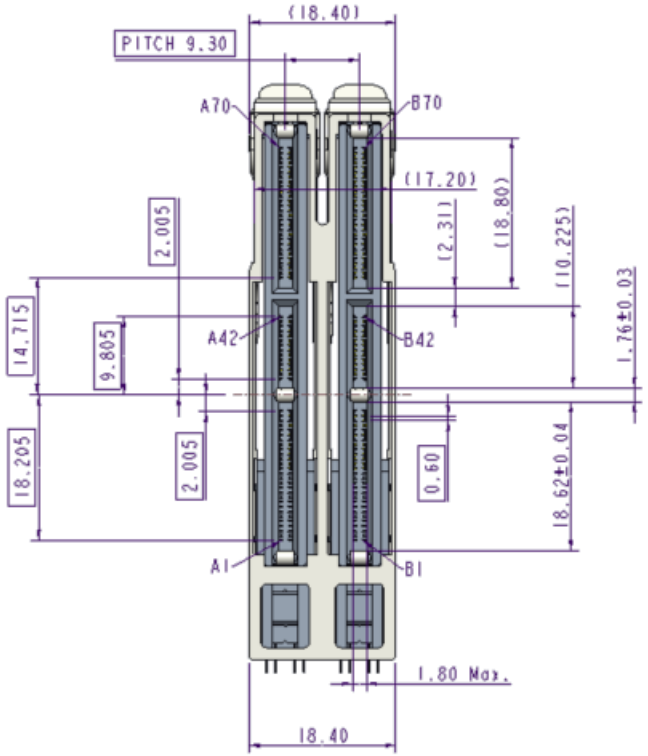
Overview

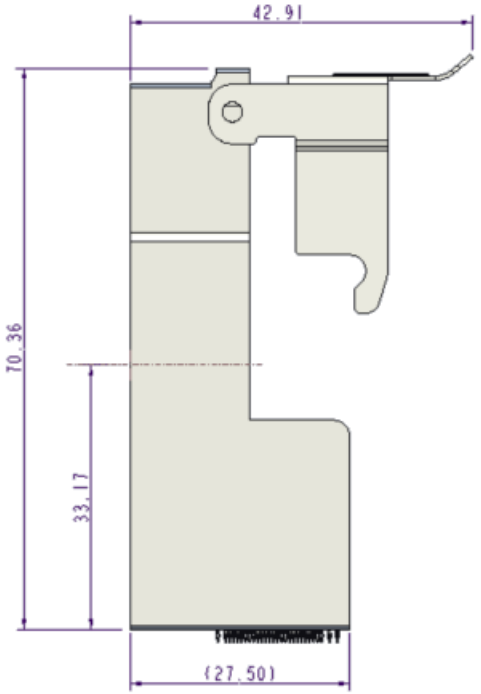


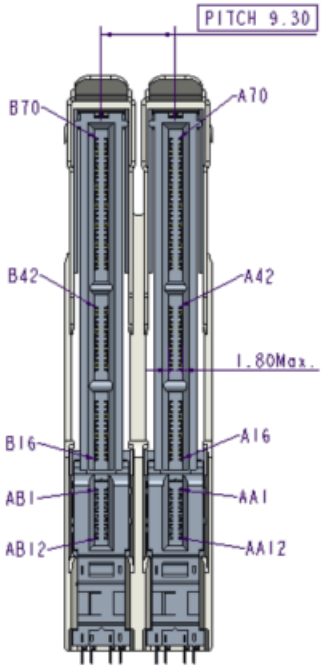
Connector Drawing View

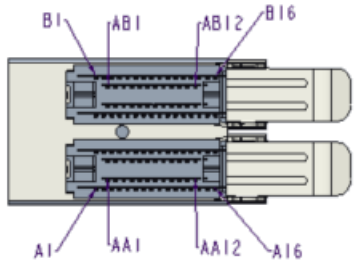
Connector_4C_1x2





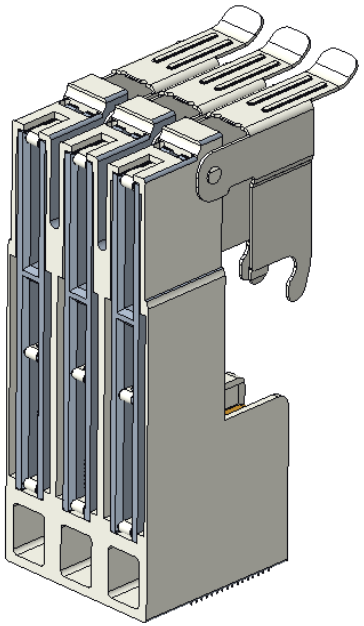


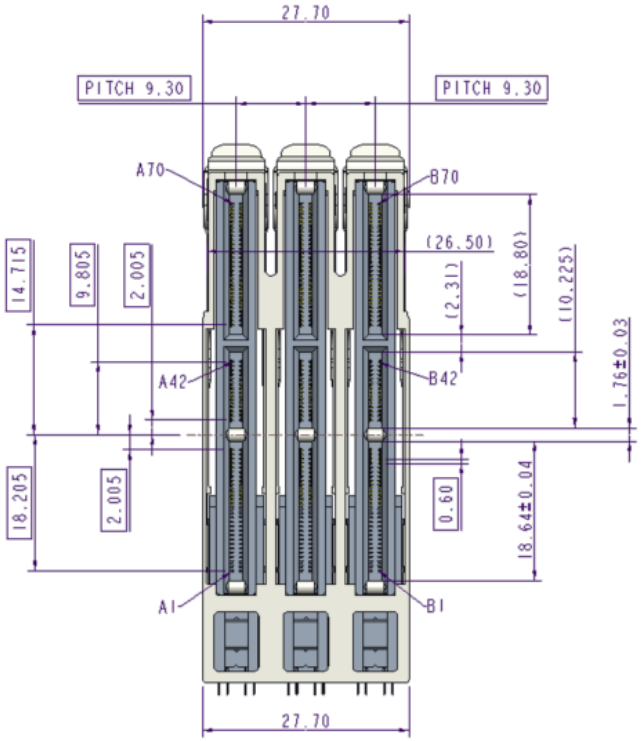


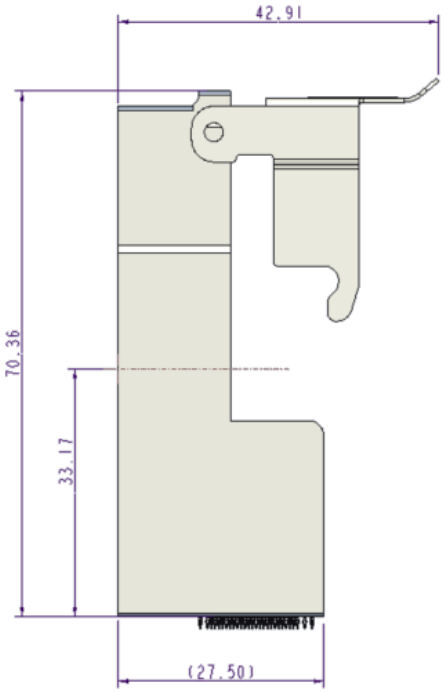


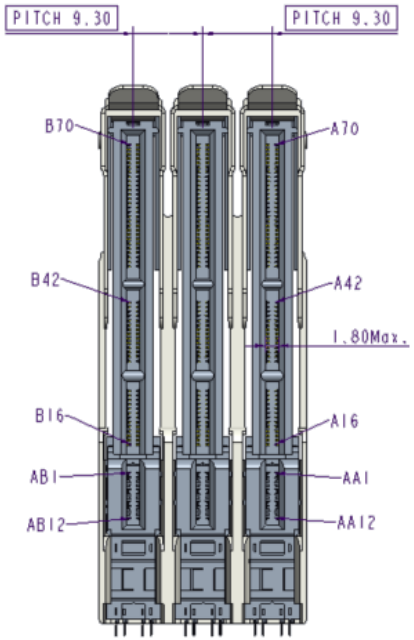
Connector Drawing View

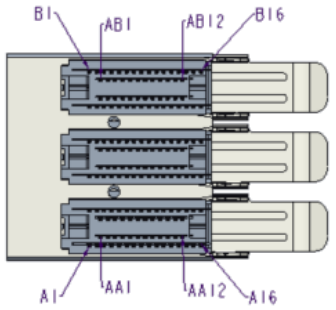
Connector_4C_1x3











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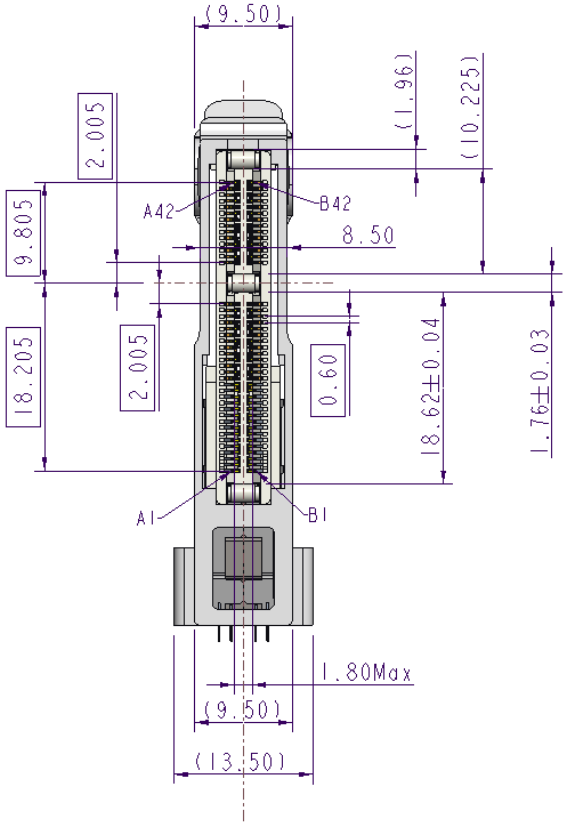
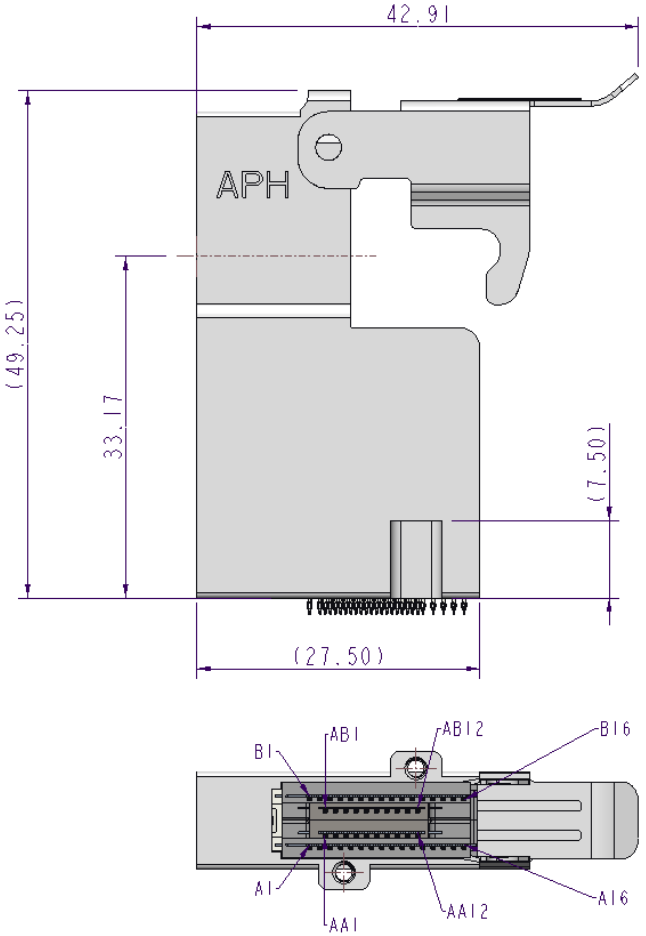
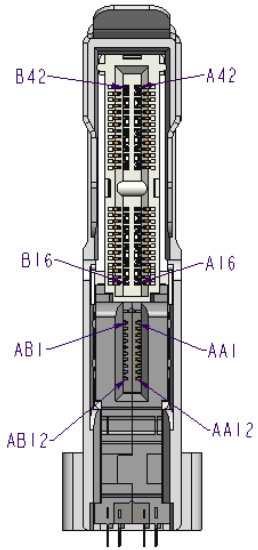
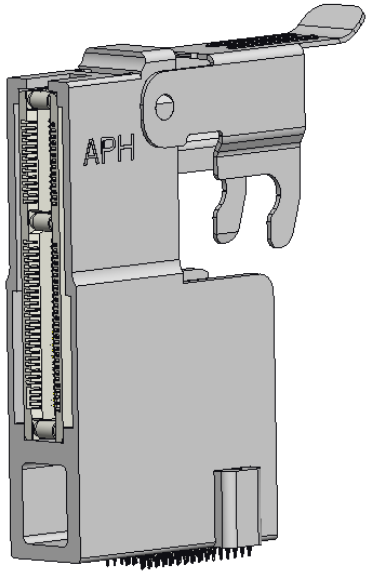
Connector Drawing View

Connector_2C









X.X +-0.1
X.XX +-0.01
X.XXX +-0.001
ANG. +-0.5

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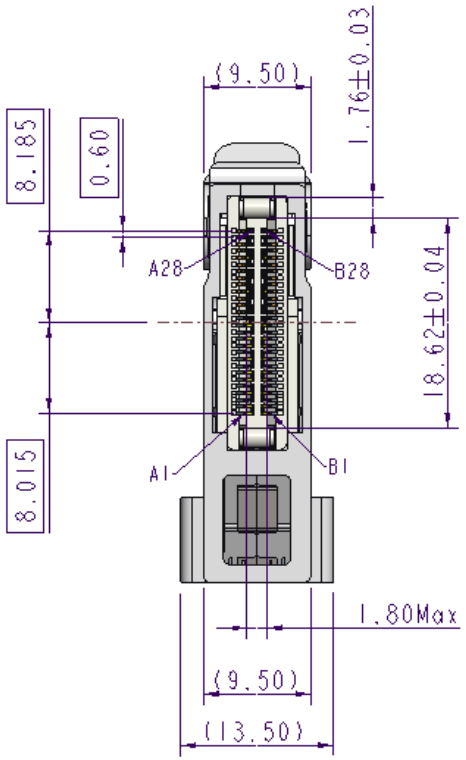
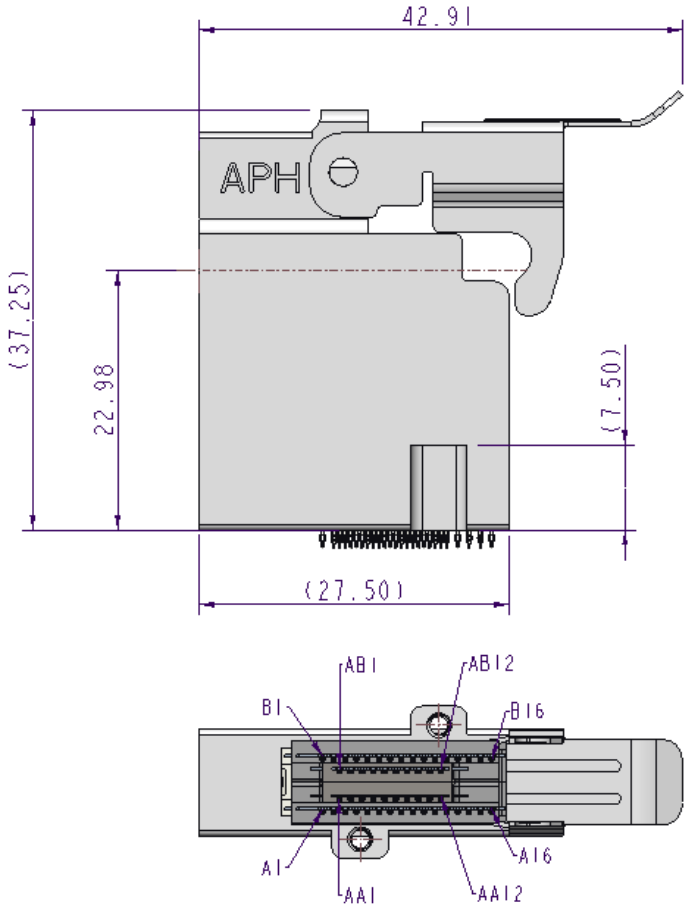
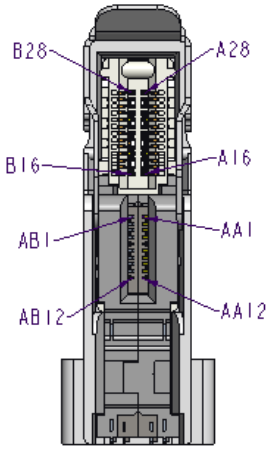
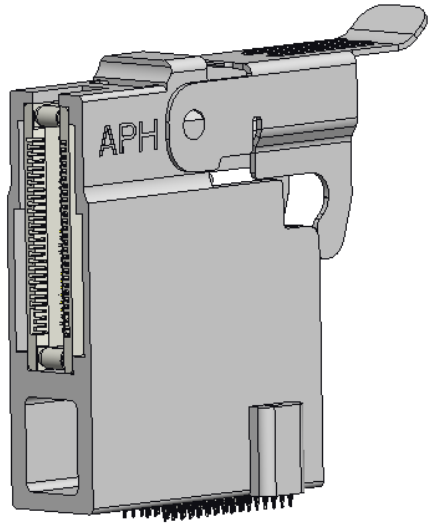
Connector Drawing View

Connector_1C



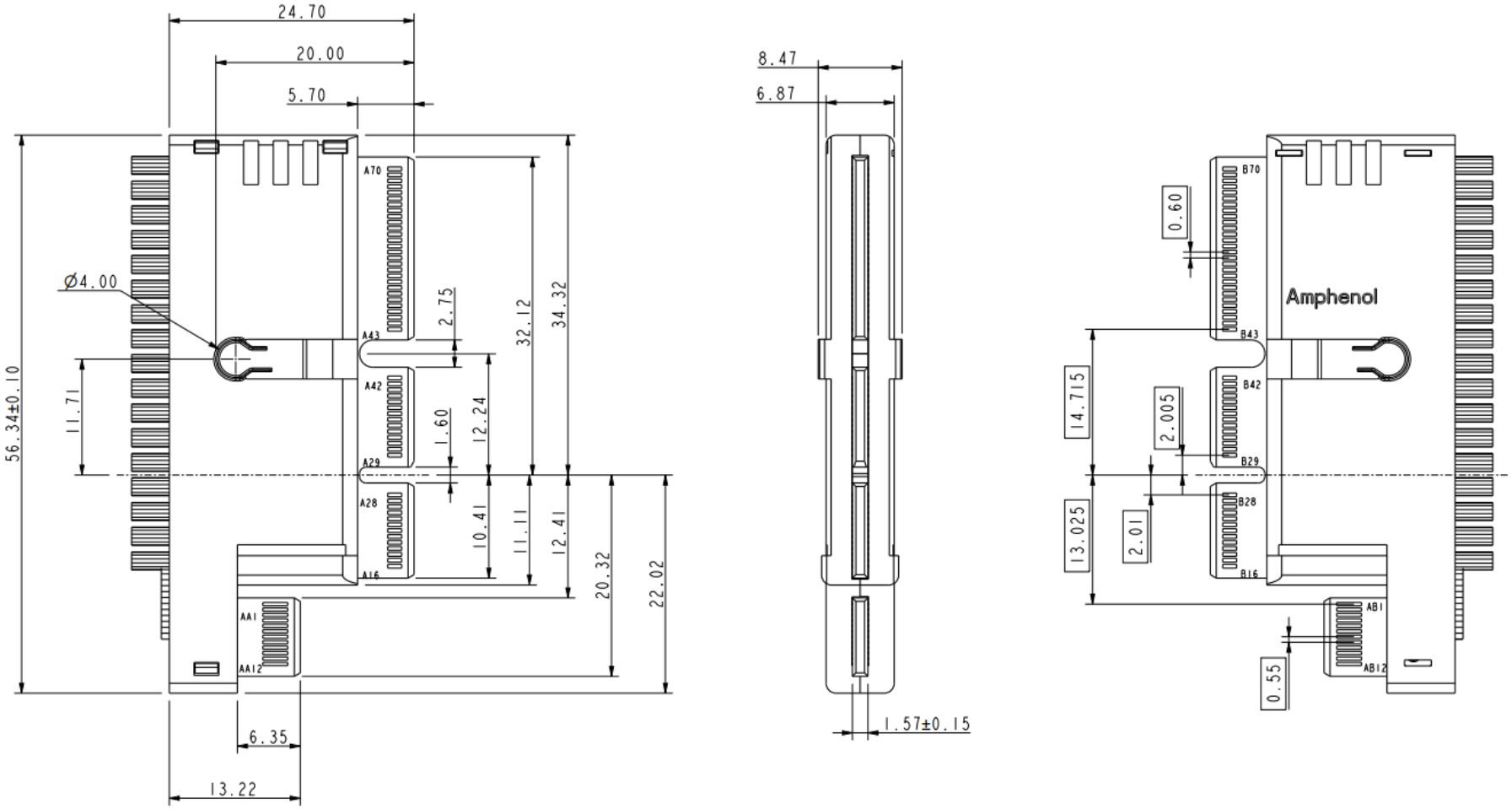






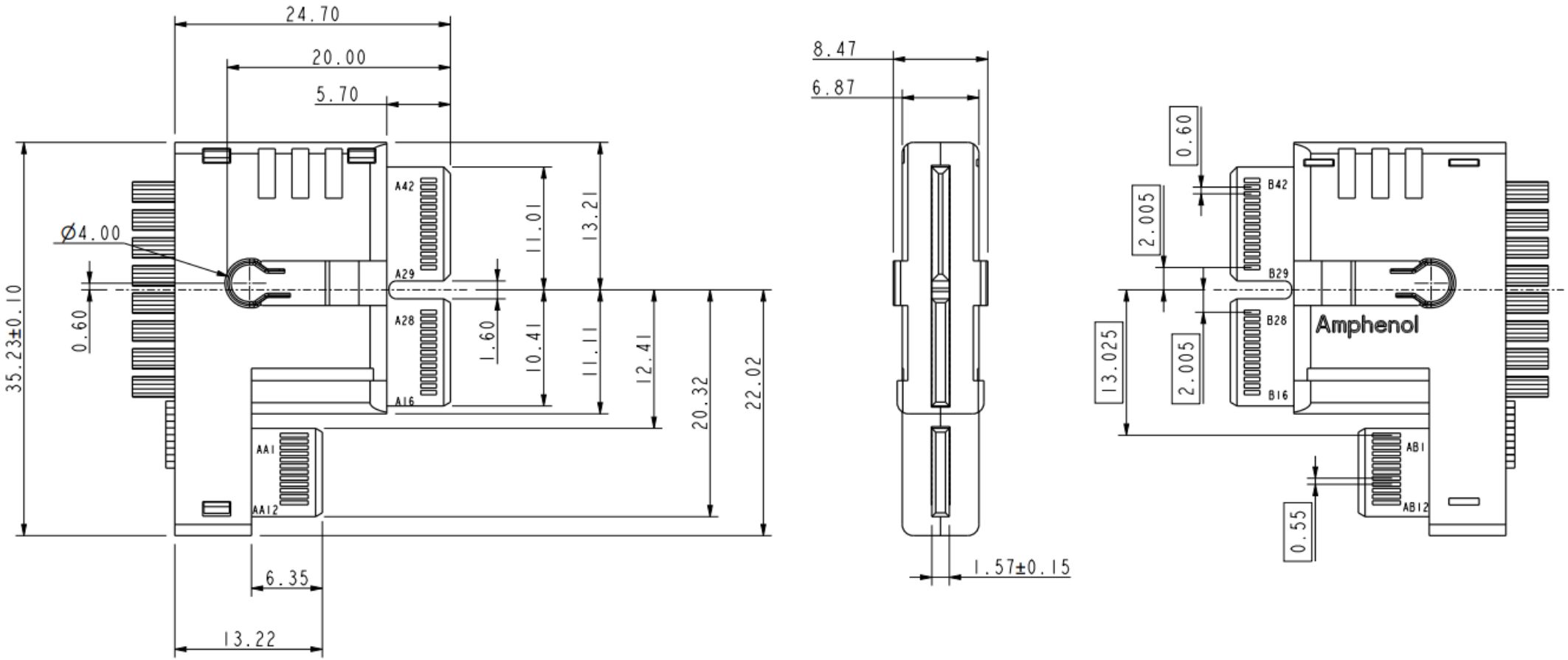
Plug Drawings View

Plug_4C



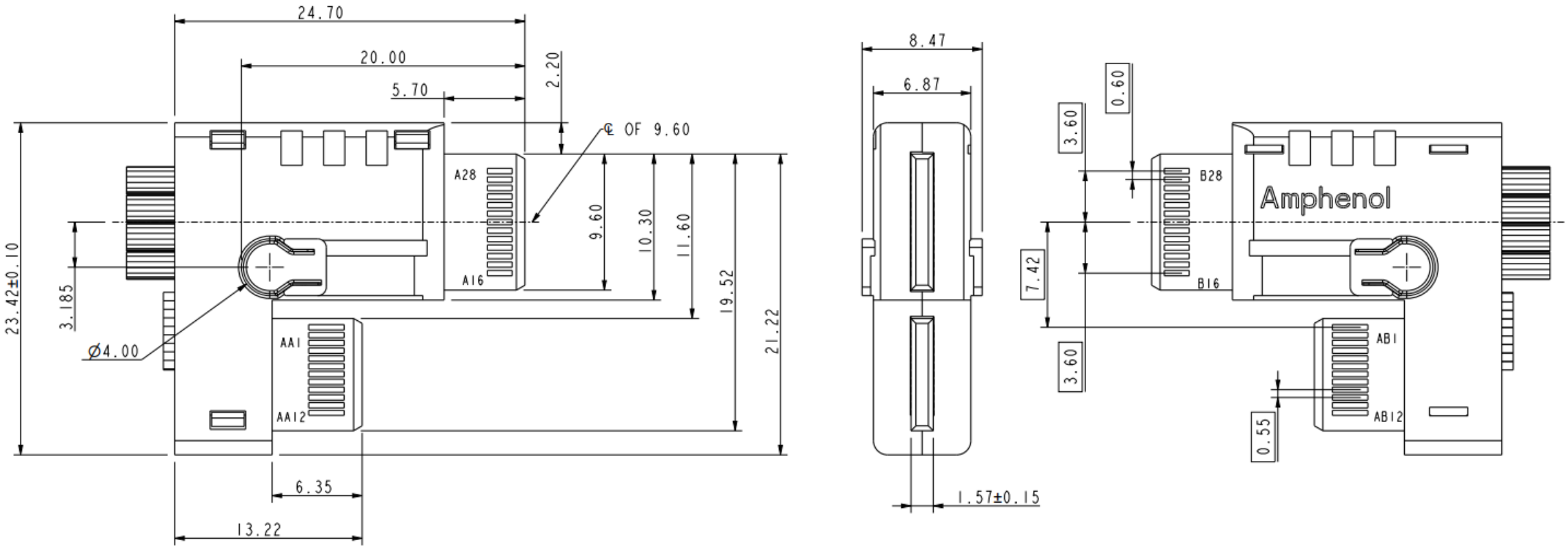
Plug Drawings View

Plug_2C



Plug Drawings View

Plug_1C



Thank You

SNIA SFF Chair Contact: sff-chair@snia.org

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