



New Project Proposal: SFF-TA-1049 Hybrid 1C EDSFF SSD Connection

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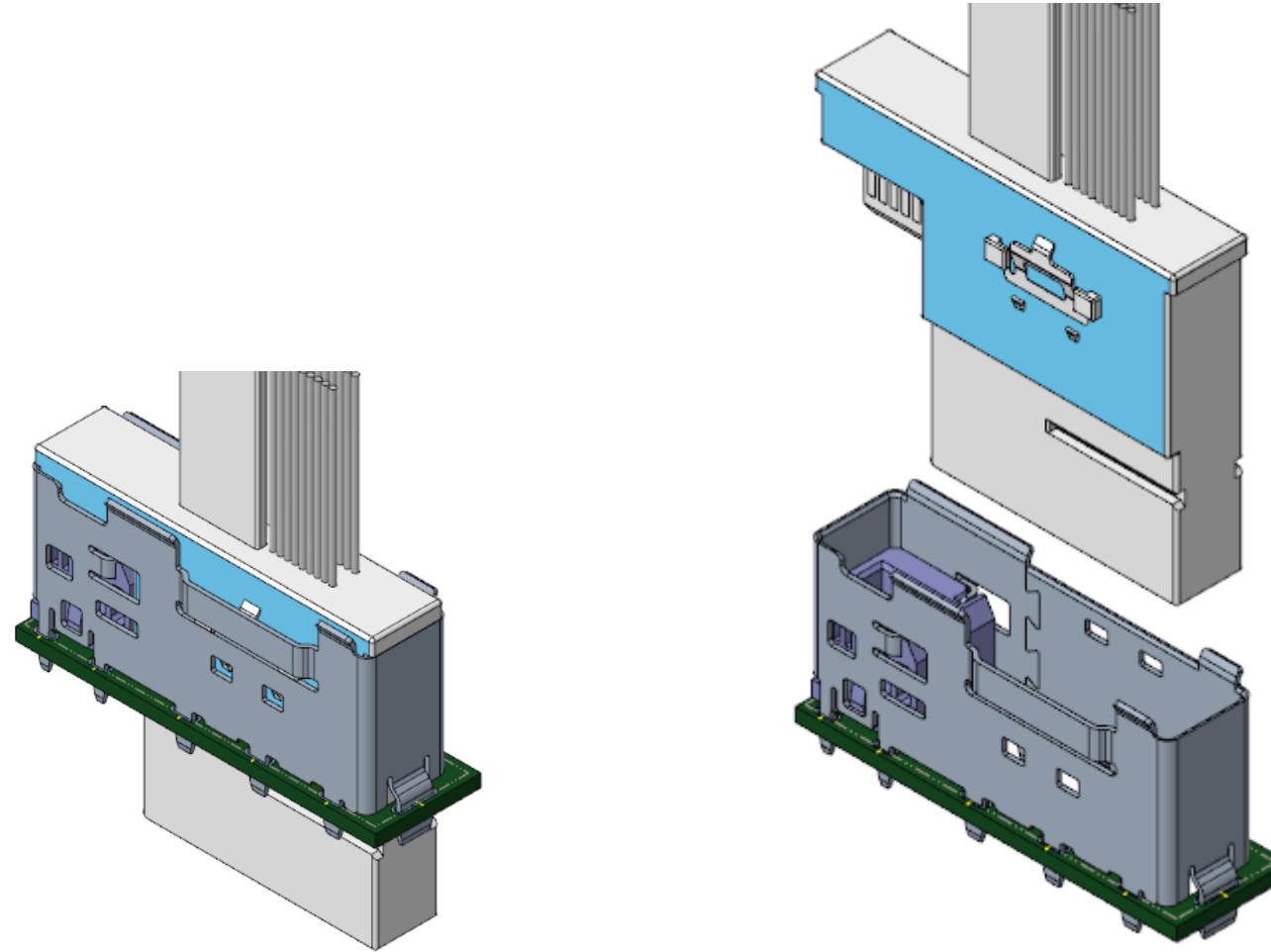
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- The specification defines an EDSFF 1C connection interface, which includes a hybrid cable assembly and a receptacle board connector, and its reliability performance requirements.
- Editor(s): Zhineng Fan
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 1. Amphenol
 2. Dell
 3. FIT

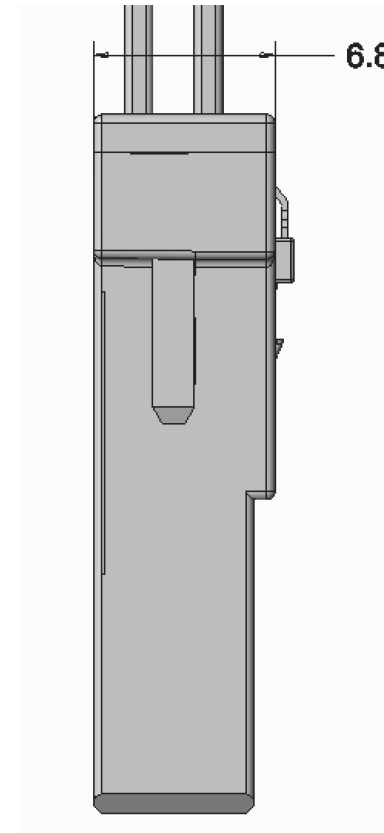
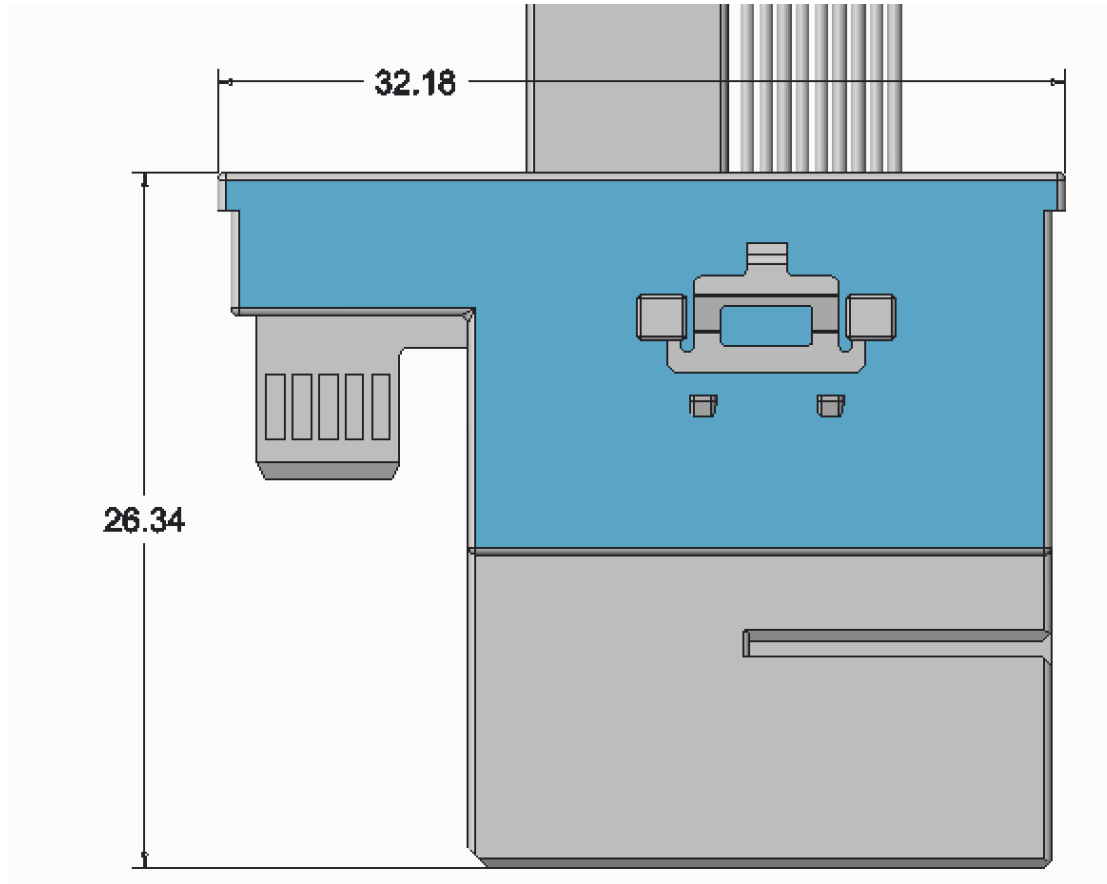
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- An EDSFF 1C connection includes a hybrid cable assembly and board receptacle connector:
 - A part of the cable plug has a receptacle connector attached. The connector is compatible with SFF-TA-1002 1C interface and accepts EDSFF E3 1C device.
 - The second part of the cable plug has 10 gold fingers for sideband use. It mates to a board receptacle connector with a 10-pin slot.
 - The board receptacle connector provides metal shell for cable latch.
- IP Declaration (if applicable):
 - TBD
- General timeline for project completion: Q4,2026

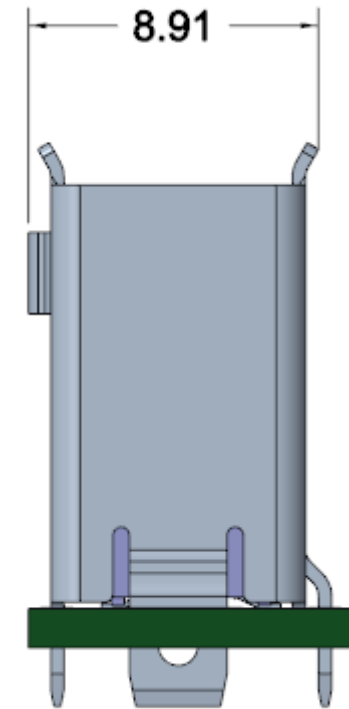
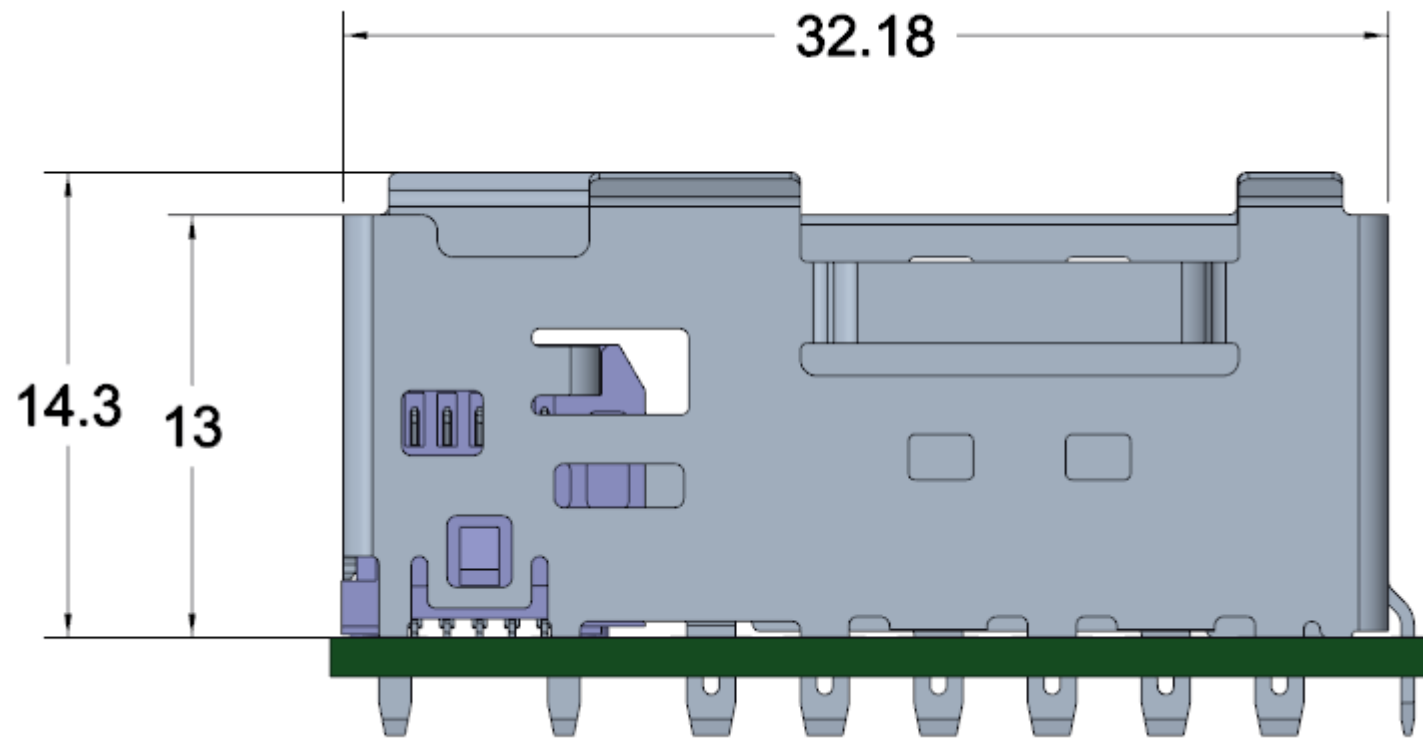
Overview of Board attached Connector



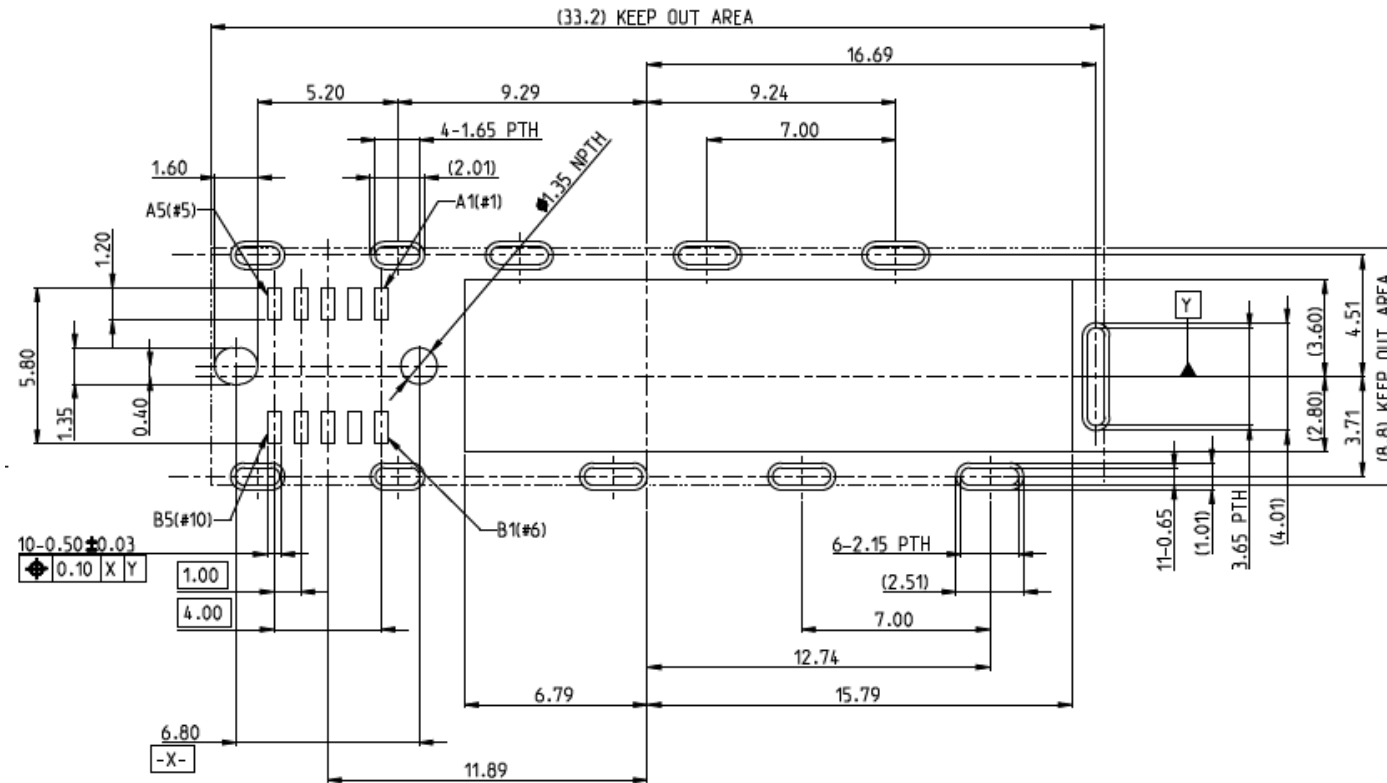
Cable Plug



Board Connector



Board Connector Footprint



RECOMMENDED PCB LAYOUT
GENERAL TOLERANCE: $\pm 0.05\text{mm}$



Thank You

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