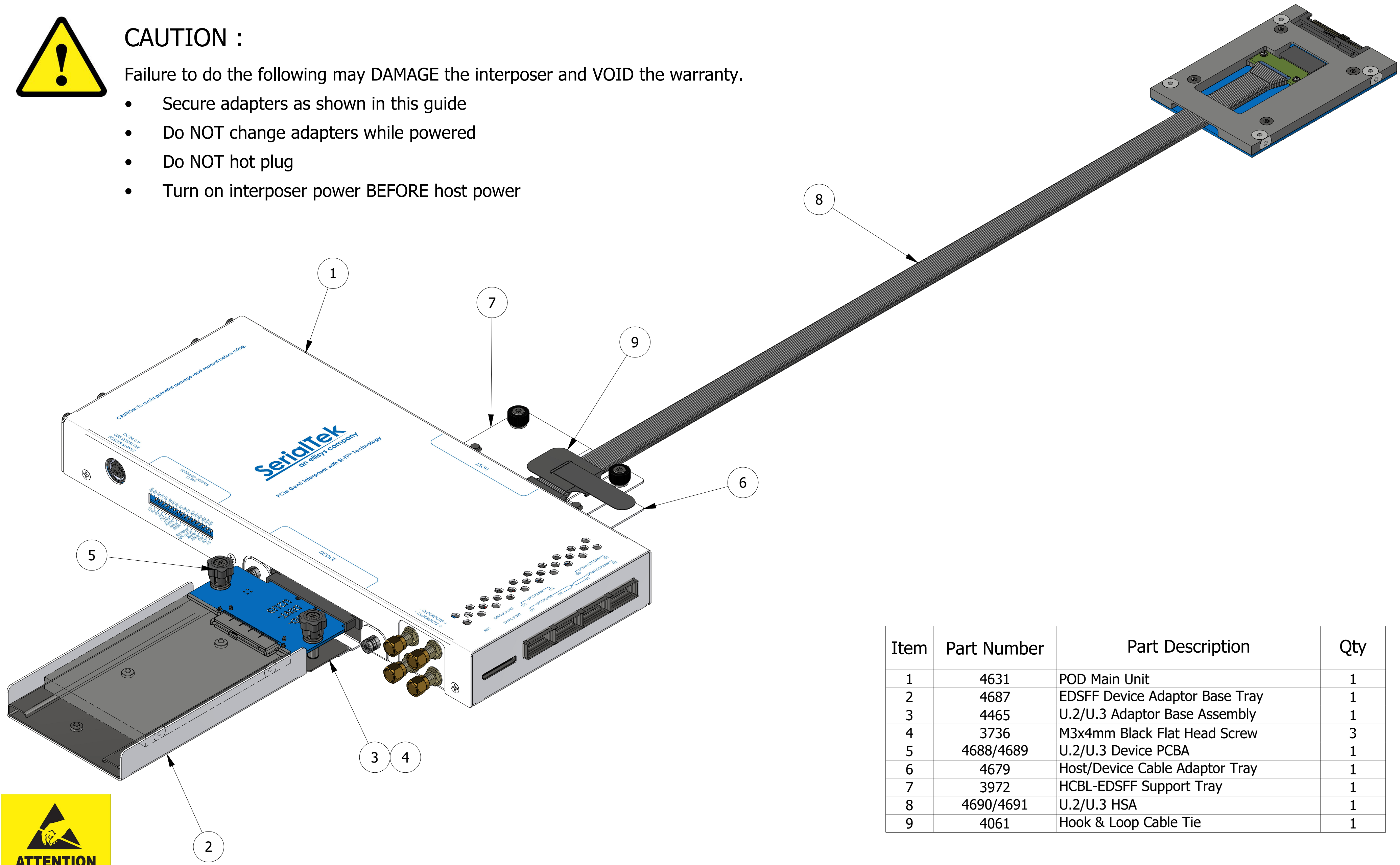# Gen5 POD U.2/U.3 Edition Assembly Reference

CAUTION :

Failure to do the following may DAMAGE the interposer and VOID the warranty.

- Secure adapters as shown in this guide
- Do NOT change adapters while powered
- Do NOT hot plug
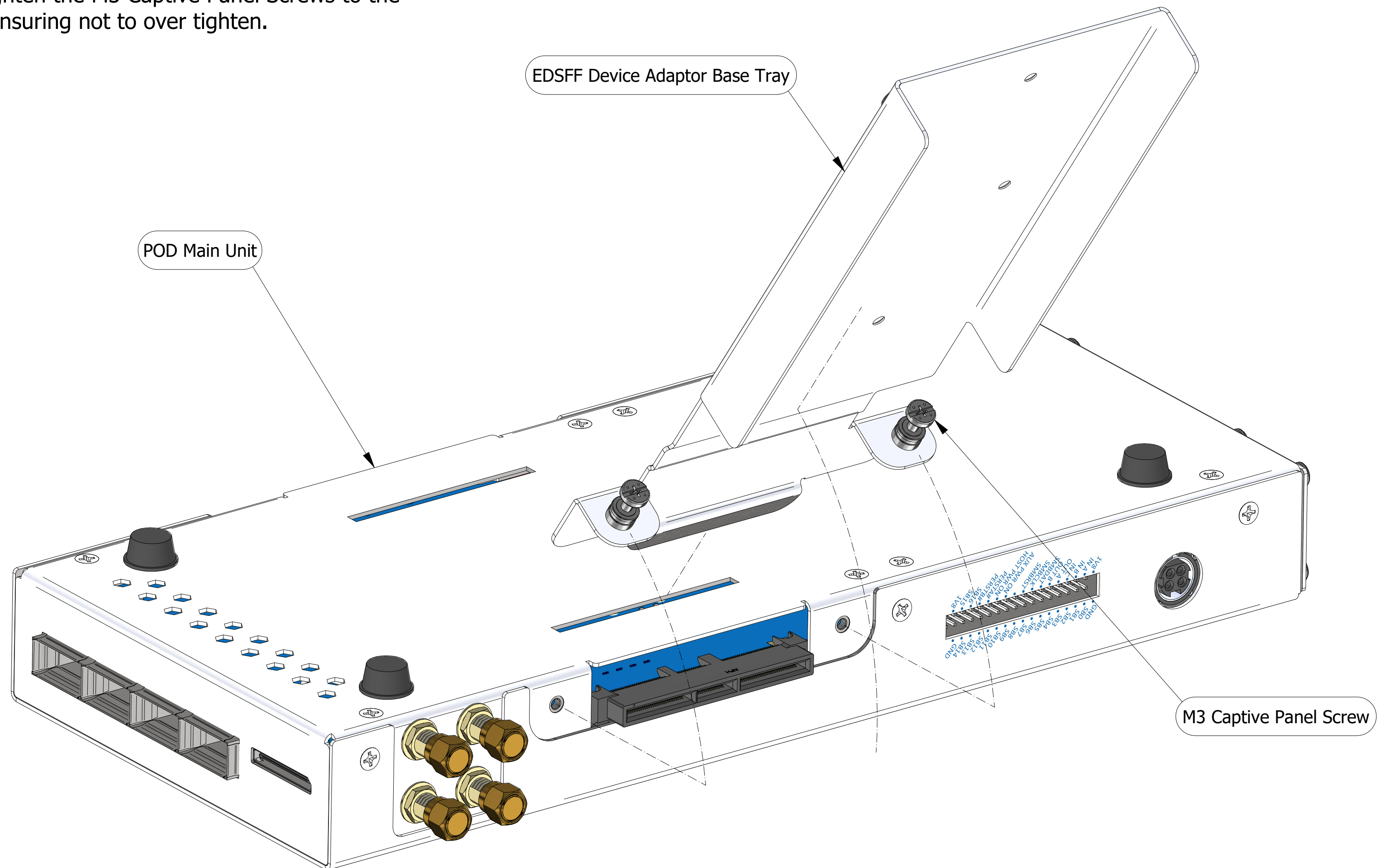- Turn on interposer power BEFORE host power

ATTENTION
OBSERVE PRECAUTIONS
FOR HANDLING
ELECTROSTATIC
SENSITIVE DEVICES

Item	Part Number	Part Description	Qty
1	4631	POD Main Unit	1
2	4687	EDSFF Device Adaptor Base Tray	1
3	4465	U.2/U.3 Adaptor Base Assembly	1
4	3736	M3x4mm Black Flat Head Screw	3
5	4688/4689	U.2/U.3 Device PCBA	1
6	4679	Host/Device Cable Adaptor Tray	1
7	3972	HCBL-EDSFF Support Tray	1
8	4690/4691	U.2/U.3 HSA	1
9	4061	Hook & Loop Cable Tie	1

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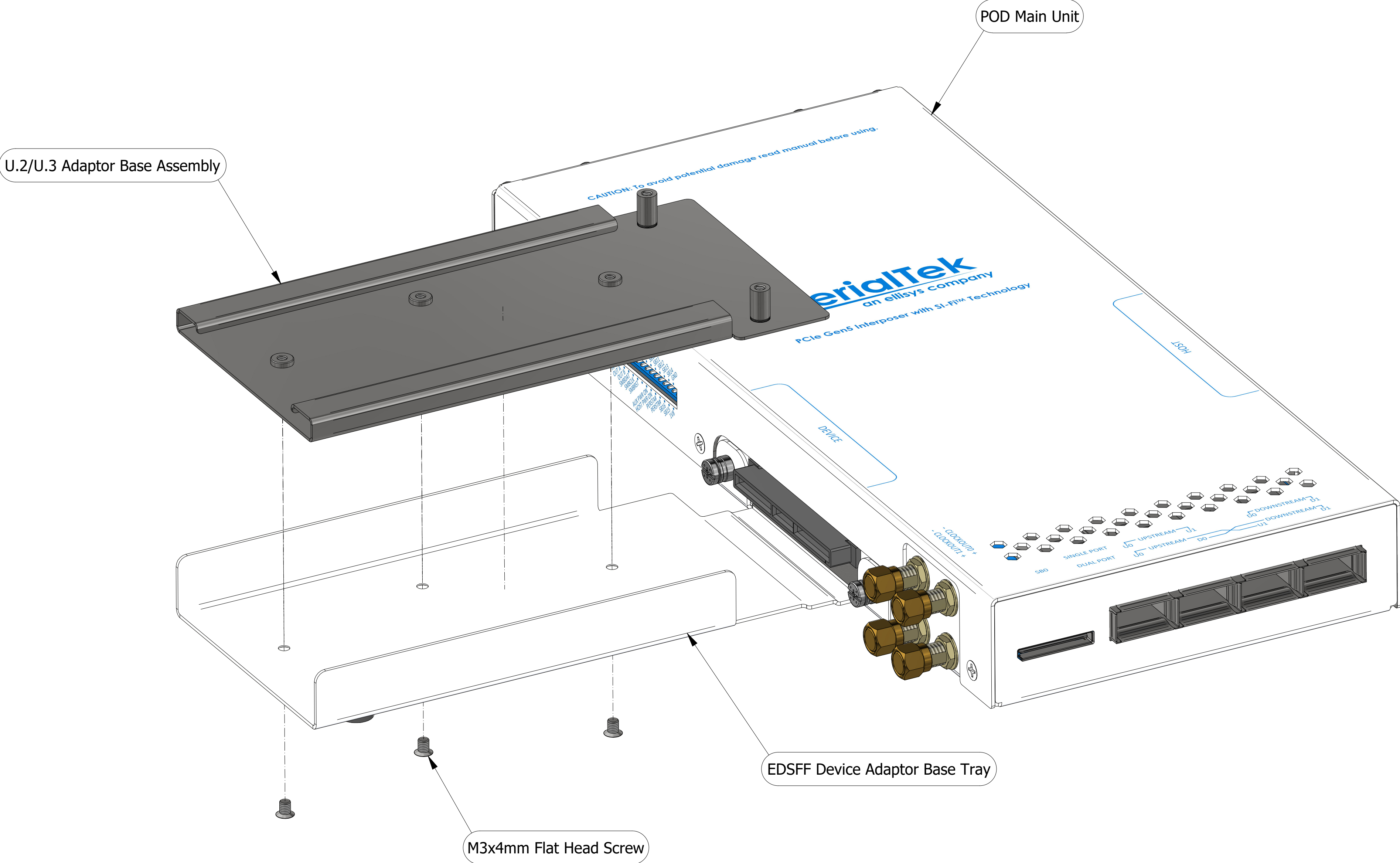
Gen5 POD U.2/U.3 Edition Assembly Reference

Slide the EDSFF Device Adaptor Base Tray into the slot on the DEVICE side on the underside of the POD Main Unit at an angle of about 60˚.

Rotate the EDSFF Device Adaptor Base Tray so it is horizontal and tighten the M3 Captive Panel Screws to the POD Main Unit, ensuring not to over tighten.

EDSFF Device Adaptor Base Tray

POD Main Unit

M3 Captive Panel Screw

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Gen5 POD U.2/U.3 Edition Assembly Reference

Fix the U.2/U.3 Adaptor Base Assembly to the EDSFF Device Adaptor
Base Tray using three M3 x 4mm Flat Head screws

POD Main Unit

U.2/U.3 Adaptor Base Assembly

CAUTION: To avoid potential damage read manual before using.

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PCIe Gen5 Interposer with SI-Fi™ Technology

HOST

DEVICE

DOWNSTREAM
DOWNSTREAM
UPSTREAM
UPSTREAM
SINGLE PORT
DUAL PORT
SBD
CLOCKOUT+
CLOCKOUT-

EDSFF Device Adaptor Base Tray

M3x4mm Flat Head Screw

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Gen5 POD U.2/U.3 Edition Assembly Reference

Raise M3 Captive Screws till it resists and screw thread clears the underside of PCBA, then slide the U.2/U.3 Device PCBA into the connector on the DEVICE side of the POD Unit and secure in position on the U.2/U.3 Adaptor Base Assembly with M3 Captive Screws.

POD Main Unit

M3 Captive Screw

U.2/U.3 Device PCBA

EDSFF Device Adaptor Base Tray

U.2/U.3 Adaptor Base Assembly

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Gen5 POD U.2/U.3 Edition Assembly Reference

Slide the Host/Device Cable Adaptor Tray into the slot on the HOST side on the underside of the POD Main Unit at an angle of about 60˚.

Rotate the Cable Adaptor Tray so it is horizontal and tighten the M3 Captive Panel Screws to the POD Main Unit, ensuring not to over tighten.

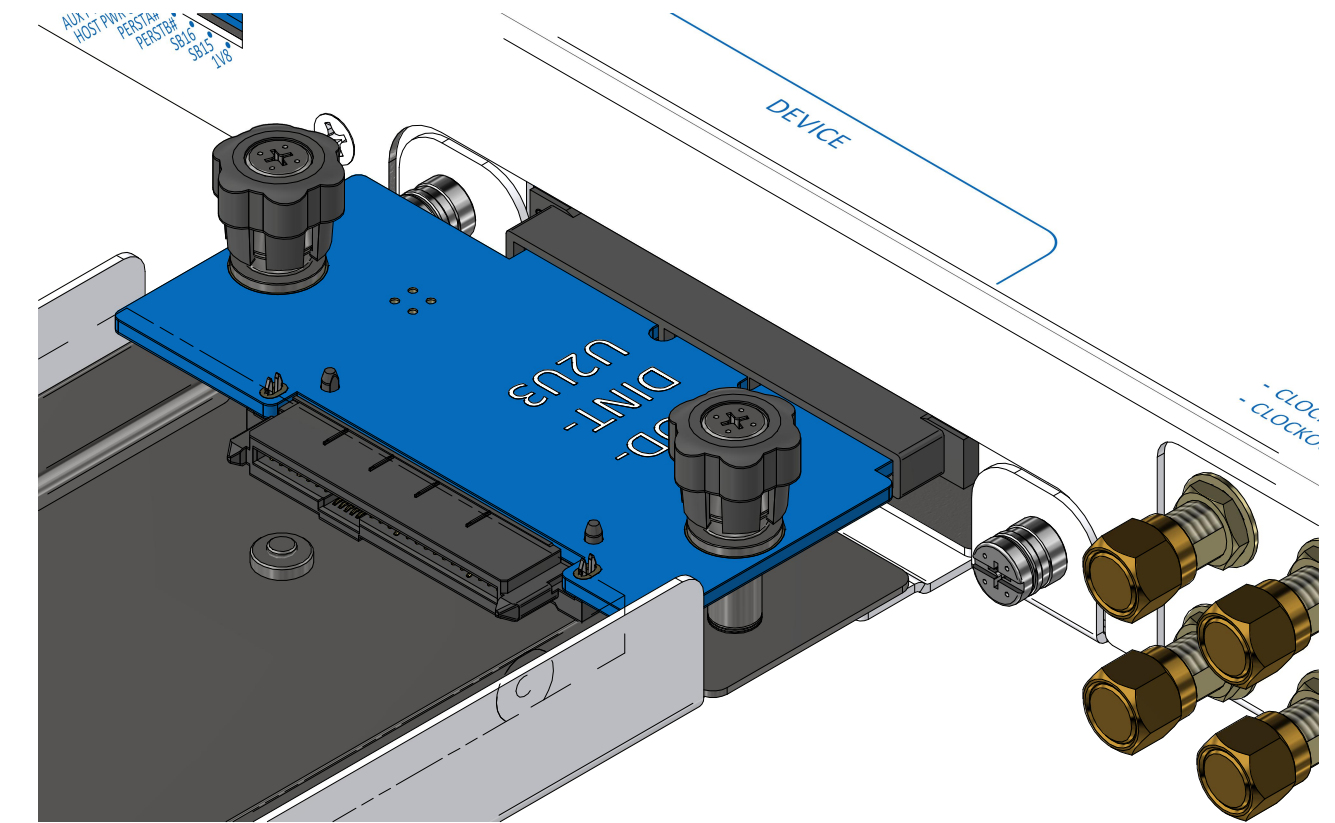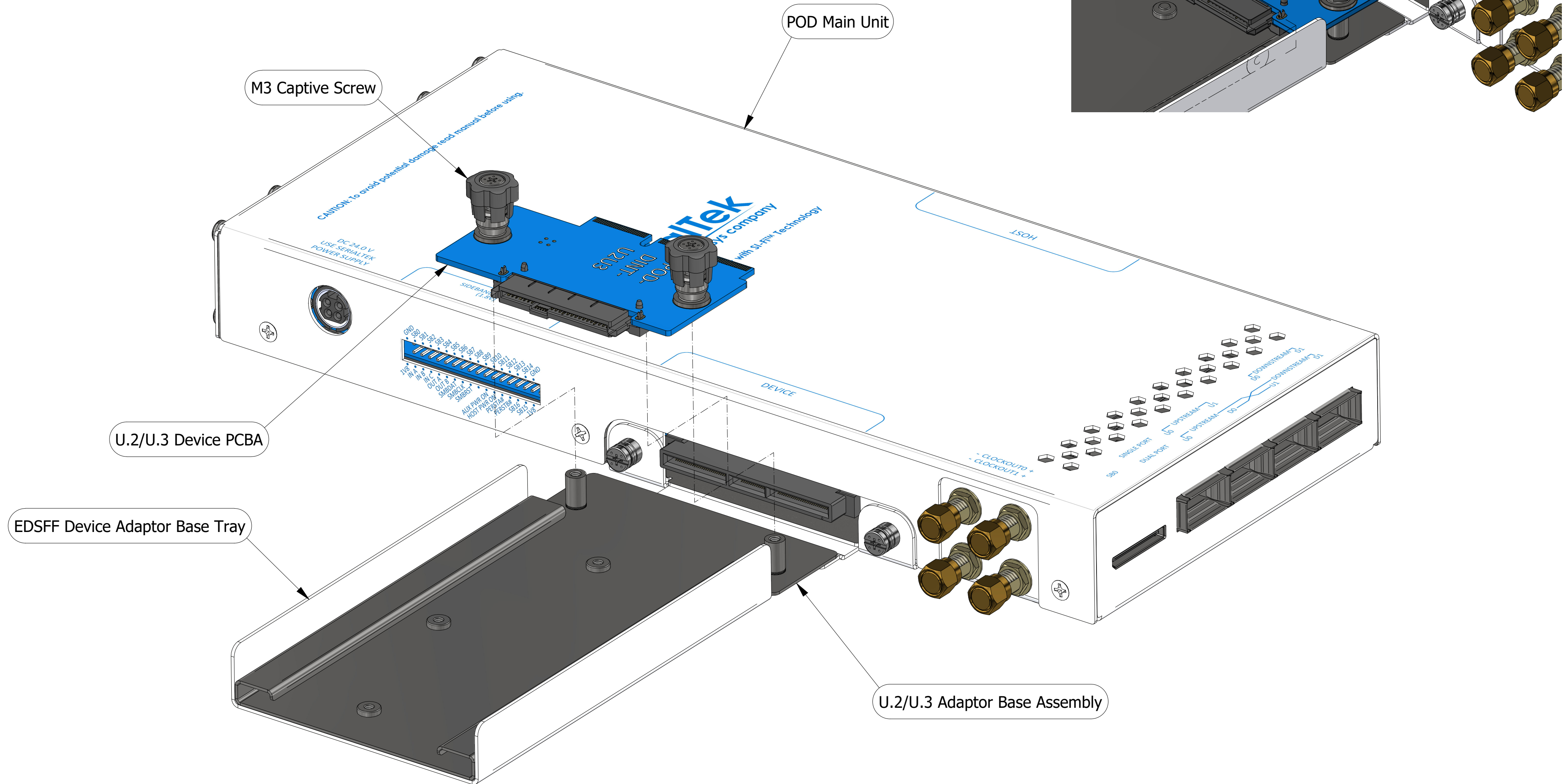Host/Device Cable Adaptor Tray

POD Main Unit

M3 Captive Panel Screw

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Gen5 POD U.2/U.3 Edition Assembly Reference

Raise the Caps of the M3 Spring Loaded Screws and secure the HCBL-EDSFF Support Tray in position on the Host/Device Cable Adaptor Tray with the M3 Spring Loaded Screws

M3 Spring Loaded Screw

HCBL-EDSFF Support Tray

POD Main Unit

Device/Host Cable Adaptor Tray

Hook & Loop Cable Tie

U.2/U.3 HSA

PIN A1/B1 Position

Ensure the U.2/U.3 HSA Cable is in the correct orientation, TOP label facing upwards. Slide the cable onto the HCBL-EDSFF Support Tray and connect to the HOST side of the POD Main Unit aligning PINs A1/B1.

Secure in position with the Hook & Loop Cable Tie.

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