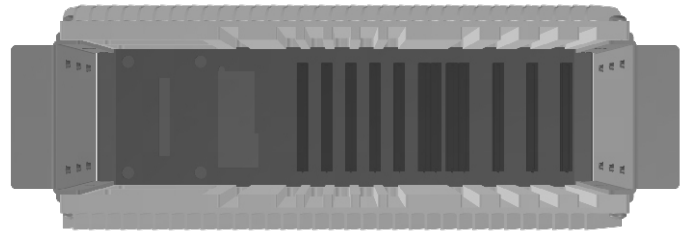
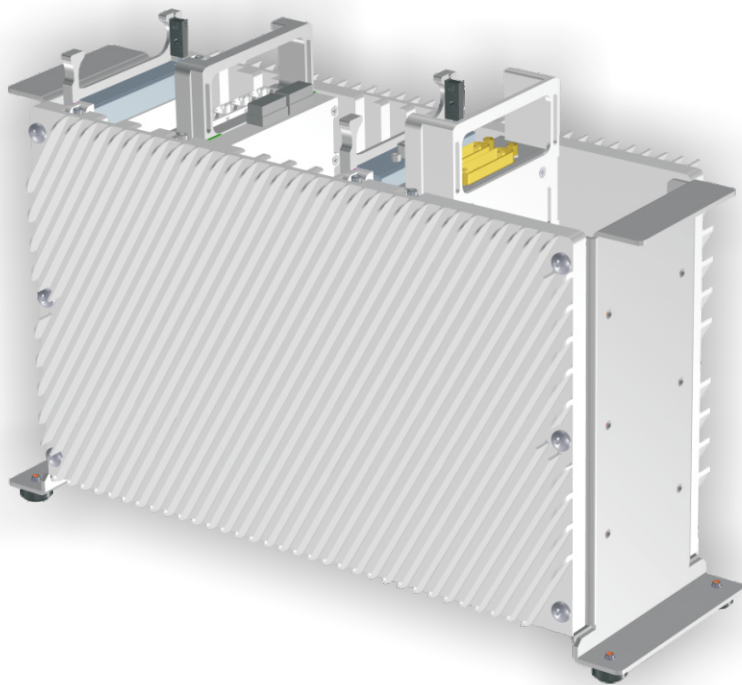


INNOVATIVE ANGLED-FIN DESIGN YIELDS OPTIMAL HEAT TRANSFER ALONG WITH IMPROVED STRUCTURAL STABILITY FOR SMALL, EFFICIENT SYSTEMS SUCH AS MICROTCA.3.



OPTIMIZED FOR MTCA.3



FEATURES:

- 1/2 ATR WIDTH
- DESIGNED TO MTCA.3 DRAFT SPEC
- NATURAL CONVECTION
- LOW THERMAL RESISTANCE $\sim .31\text{C}^{\circ}/\text{W}$
- CUSTOMIZABLE MODULE SLOTS

STANDARD SLOTS:

- FOUR MID HEIGHT AMC SLOTS
- FOUR HALF HEIGHT AMC SLOTS
- ONE FULL HEIGHT MCH SLOT
- ONE FULL HEIGHT PSU SLOT

MATERIALS:

ALUMINUM ALLOY 6061-T6:

- MACHINED SIDE WALLS

ALUMINUM ALLOY 5052:

- SHEET METAL END BRACKETS
- SHEET METAL BACK PLANE COVER

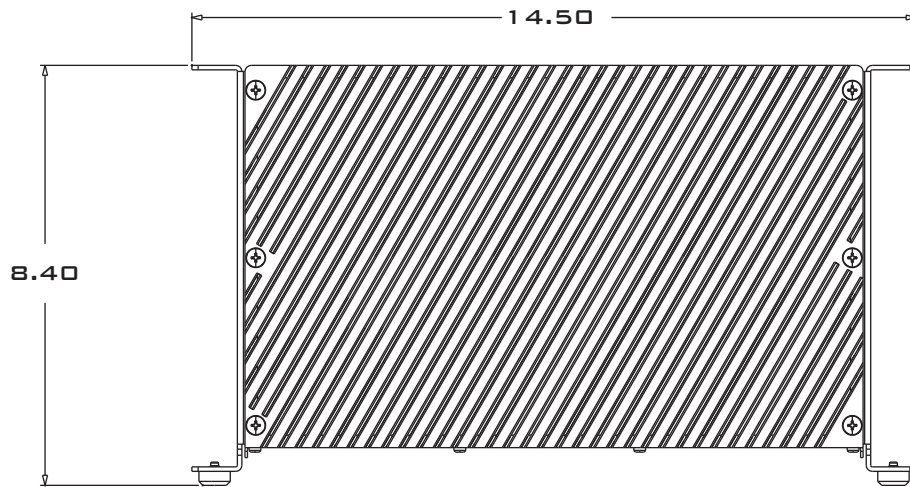
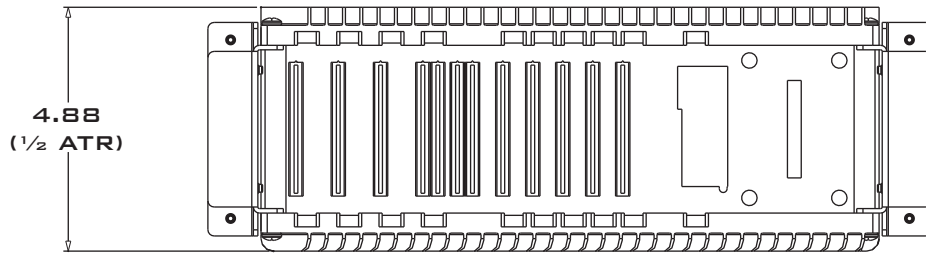
300 SERIES STAINLESS STEEL:

- ALL FASTENERS

DEPLOYMENT ASSISTANCE/CUSTOMIZATION OPTIONS:

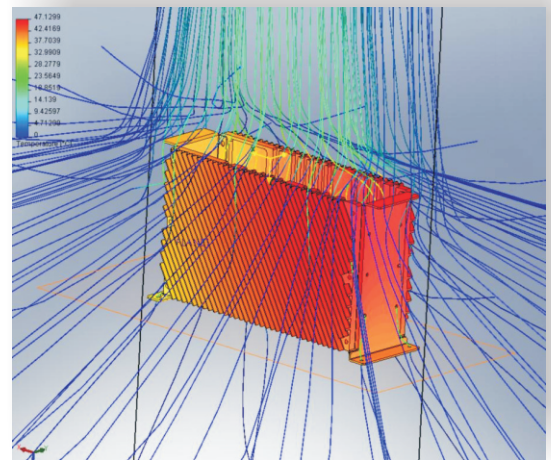
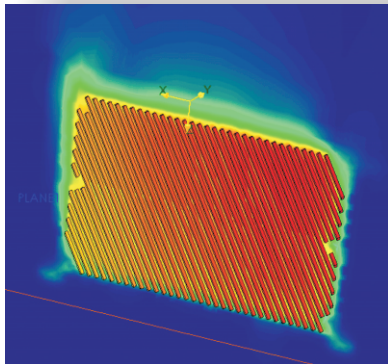
- CLAMSHELL MODULE DESIGN SERVICES
- MODULE AND SYSTEM THERMAL SIMULATIONS
- FULLY-COMPLIANT MECHANICAL CONFIGURATION SUITABLE FOR PRODUCT MIGRATION TO DEPLOYED PRODUCTS
- BACKPLANE LAYOUT ASSISTANCE FOR MECHANICAL CONSIDERATIONS
- CONDUCTION COOLED AMC DEVELOPMENT KITS FOR MECHANICAL REQUIREMENTS
- SOLIDWEDGE CARD RETAINERS
- RAPID PROTOTYPING AND PRODUCTION PARTS SUPPLIER

DIMENSIONS (IN):



THERMAL:

- ESTIMATED THERMAL RESISTANCE 0.31 C°/W
- ANGLED FINS DISTRIBUTE HEAT EVENLY ACROSS MULTIPLE SLOTS
- ADDITIONAL COOLING PROVIDED BY OPTIONAL FANS



CFD SIMULATION:

- NATURAL CONVECTION @ SEA LEVEL
- 150 WATTS APPLIED TO AMC MODULE CONTACT AREA
- 47°C TEMPERATURE RISE
- ANGLED FINS SPREAD HEAT EVENLY