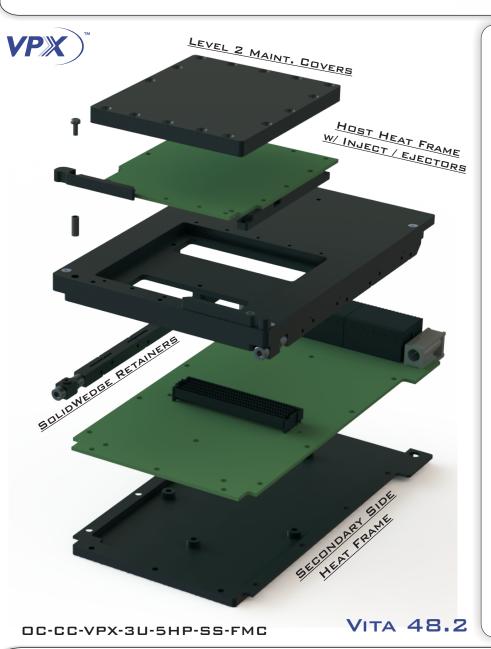
# WAVETHERMS

OPENCOTS IS A LINE OF STANDARD MECHANICAL AND THERMAL PRODUCTS FROM WAVETHERM FOR VPX AND CPCI APPLICATIONS. THEY ARE INTENDED FOR COMPANIES WHICH BUILD OPEN, MODULAR COMPUTING SOLUTIONS.

IN TODAY'S DOD BUDGET REDUCTION ENVIRONMENT, SINGLE-BOARD COMPUTER MANUFACTURERS WHICH RELY ON WAVETHERM CAN IMPROVE THE THERMAL PERFORMANCE OF THEIR EMBEDDED COMPUTERS, SPEND MORE OF THEIR R & D DOLLARS ON RESOURCES FOR THEIR KEY VALUE-ADD, AND BE MORE FLEXIBLE TO THE NEEDS OF THEIR CUSTOMERS.



OC-CC-VPX-3U-5HP-SS-PMC



#### **VPX KIT FEATURES:**

- COMPLIES TO VPX STANDARDS
- CUSTOMIZABLE HEAT PLATES
- INNOVATIVE XMC/PMC HEAT PLATES FOR SEC. RAIL MTG

## STANDARD SETUPS:

- PMC / XMC (REMOVABLE SECONDARY RAILS / FRAMES)
- FMC (REMOVABLE SECONDARY RAILS / FRAMES)
- COM-XPRESS
- FRONT I/O
- SECONDARY SIDE WEDGE LOCKS
- PRIMARY SIDE WEDGE LOCKS
- COMMON PCB LAYOUT FOR AIR-COOLED DESIGNS

## KIT INCLUDES:

- HOST HEAT FRAME
- SECONDARY SIDE HEAT FRAME
- PMC / XMC HEAT SLUGS
- PAIR OF SOLIDWEDGE CARD RETAINERS
- FIELD REPLACEABLE INJECTION / EJECTION HANDLES
- THERMAL INTERFACE MATERIALS
- ASSEMBLY HARDWARE
- 3D MODELS AVAILABLE

## MATERIALS:

**ALUMINUM 6061-T6** 

- ALL HEAT FRAMES
- ALL COVERS
- SOLIDWEDGE

## OTHER MATERIALS AVAILABLE: COPPER

ALUMINUM 6101-T6

RUGGED DESIGN KIT FOR DEVELOPMENT OF 3U CONDUCTION-COOLED VPX SINGLE BOARD STANDARD HEATFRAME COMPONENTS PROVIDED REPRESENT A HIGH COMPUTERS. PERFORMANCE THERMO-MECHANICAL DESIGN, AND REDUCES ENGINEERING AND FABRICATION COSTS ASSOCIATED WITH CUSTOMIZATION.

## WAVETHERMS

#### ORGANIZED SUPPORT

WAVETHERM OFFERS A DATA-DRIVEN
VALUE ADD THAT INCLUDES PROVEN
PCB LAYOUT STRATEGIES THAT CAN
BE UTILIZED BY YOUR ENGINEERS TO
JUMP-START NEW BOARD DESIGNS.

### EASY PROCUREMENT

ADD YOUR COMPANY'S INITIALS
OR PROJECT NAME TO THE END OF
YOUR CONFIGURATION'S PART
NUMBER,

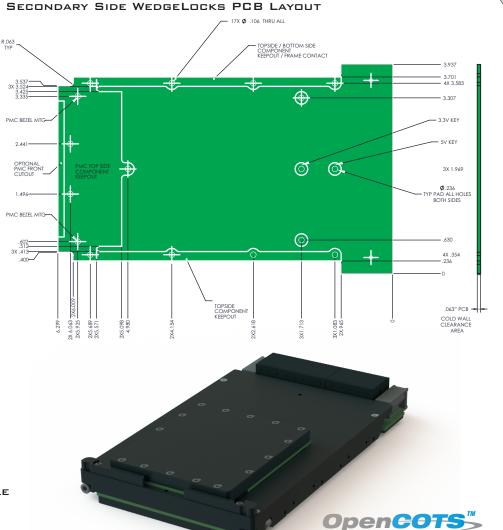
AND YOU HAVE AN DEM PART WHICH CAN BE PURCHASED WITH A CREDIT CARD OR PO.

MINIMAL DATA REQUIRED
ACCURATE IDF MODEL OF PCB
ELECTRONICS DATA-SHEETS

LEAD TIME

DESIGN 1-2 WEEKS PROTOTYPES 3-4 WEEKS

- SOLID MODELS AVAILABLE
- FREE DXF OUTLINES
- SAMPLE KITS AVAILABLE
- PCB LAYOUT SHOWN ABOVE
- PRIMARY SIDE WEDGE LOCK
- DESIGNS AVAILABLE
  PCB LAYOUT CAN BE USED FOR
  HIGHER PERFORMANCE AIR-
- COOLED DESIGNS
  CAN ACCOMMODATE CUSTOM HOLE
- LOCATIONS
   OTHER FORM FACTORS AVAILABLE



COMPANIES WHICH CHOOSE TO BASE
THEIR ELECTRO-MECHANICAL DESIGNS
WITHIN OUR PROVEN PCB LAYOUT
STRATEGIES CAN ENHANCE THEIR COST
COMPETITIVENESS, CONSERVE VALUABLE
NRE DOLLARS PER PROJECT, AND ALSO
BENEFIT FROM COST SAVINGS ACHIEVED
THROUGH ORDERING COMPONENTS THAT ARE
MANUFACTURED IN HIGH VOLUME.

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ENVIRONMENT, SINGLE-BOARD COMPUTER
MANUFACTURERS WHICH RELY ON WAVETHERM CAN
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EMBEDDED COMPUTERS, SPEND MORE OF THEIR R & D
DOLLARS ON RESOURCES FOR THEIR KEY VALUE-ADD, AND

BE MORE FLEXIBLE TO THE NEEDS OF THEIR CUSTOMERS.



NO MEZZANINE CARD - N

