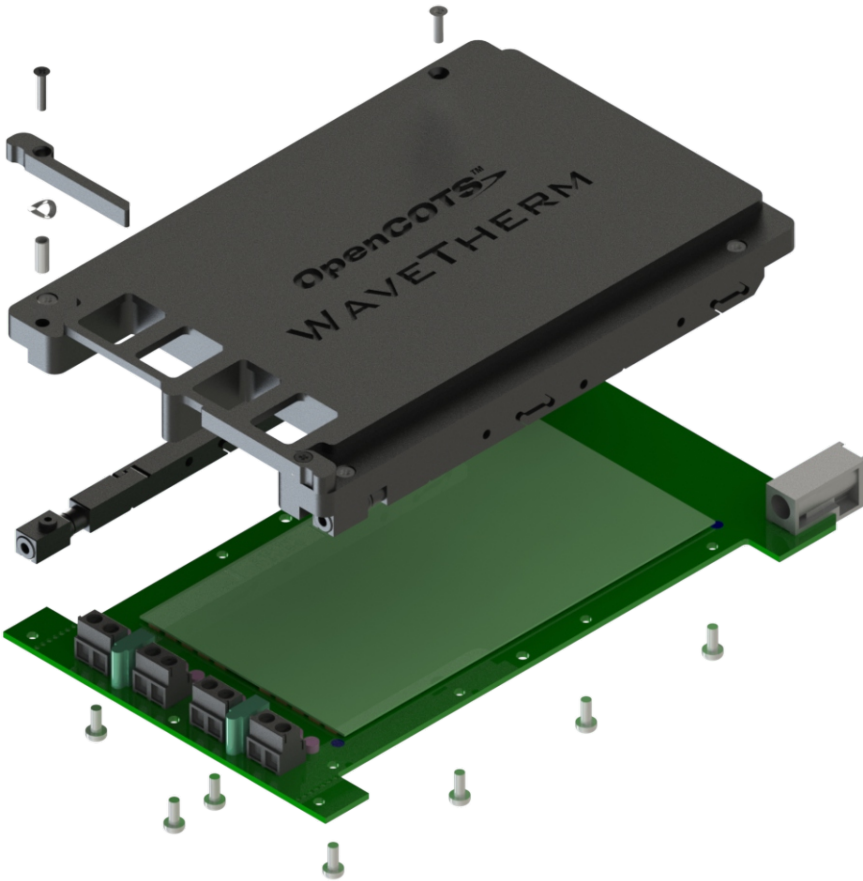


THE WAVETHERM 3U CONDUCTION-COOLED THERMAL LOAD BOARD MODULE IS A COST-EFFECTIVE SOLUTION FOR THERMAL TESTING OF RUGGED OR MIL-SPEC ENCLOSURES AND SYSTEMS USING WEDGE LOCKS. THE PCB DESIGN PERMITS YOUR CHOICE OF EITHER PRIMARY OR SECONDARY SIDE WEDGELOCK POSITIONING FOR COMPATIBILITY WITH SYSTEMS USING EITHER WEDGELOCK LOCATION.

OpenCOTS™



DC-CC-VPX-3U-5HP-SS-300-LB48V



DC-CC-VPX-3U-5HP-SS-300-LB48V

VITA 48.2

FEATURES:

- COMPLIES TO VPX STANDARDS
- CUSTOMIZABLE HEAT PLATES
- MAX 100-138W DISSIPATED
- 5, 12, 24, 48 VOLTS AVAILABLE
- PRIMARY OR SECONDARY-SIDE WEDGELOCKS
- TWO TYPE T THERMOCOUPLES LOCATED IN HEATFRAME WITH LEADS ACCESSIBLE TO USER

SPECS:

- IEEE 1101.2
- VITA 48.2
- COMPACTPCI

KIT INCLUDES:

- HOST HEAT FRAME
- PCB LOAD BOARD
- PRIMARY OR SECONDARY SIDE HEAT FRAME
- PAIR OF SOLIDWEDGE CARD RETAINERS
- FIELD REPLACEABLE INJECTION / EJECTION HANDLES
- THERMAL INTERFACE MATERIALS
- ASSEMBLY HARDWARE
- 3D MODELS AVAILABLE

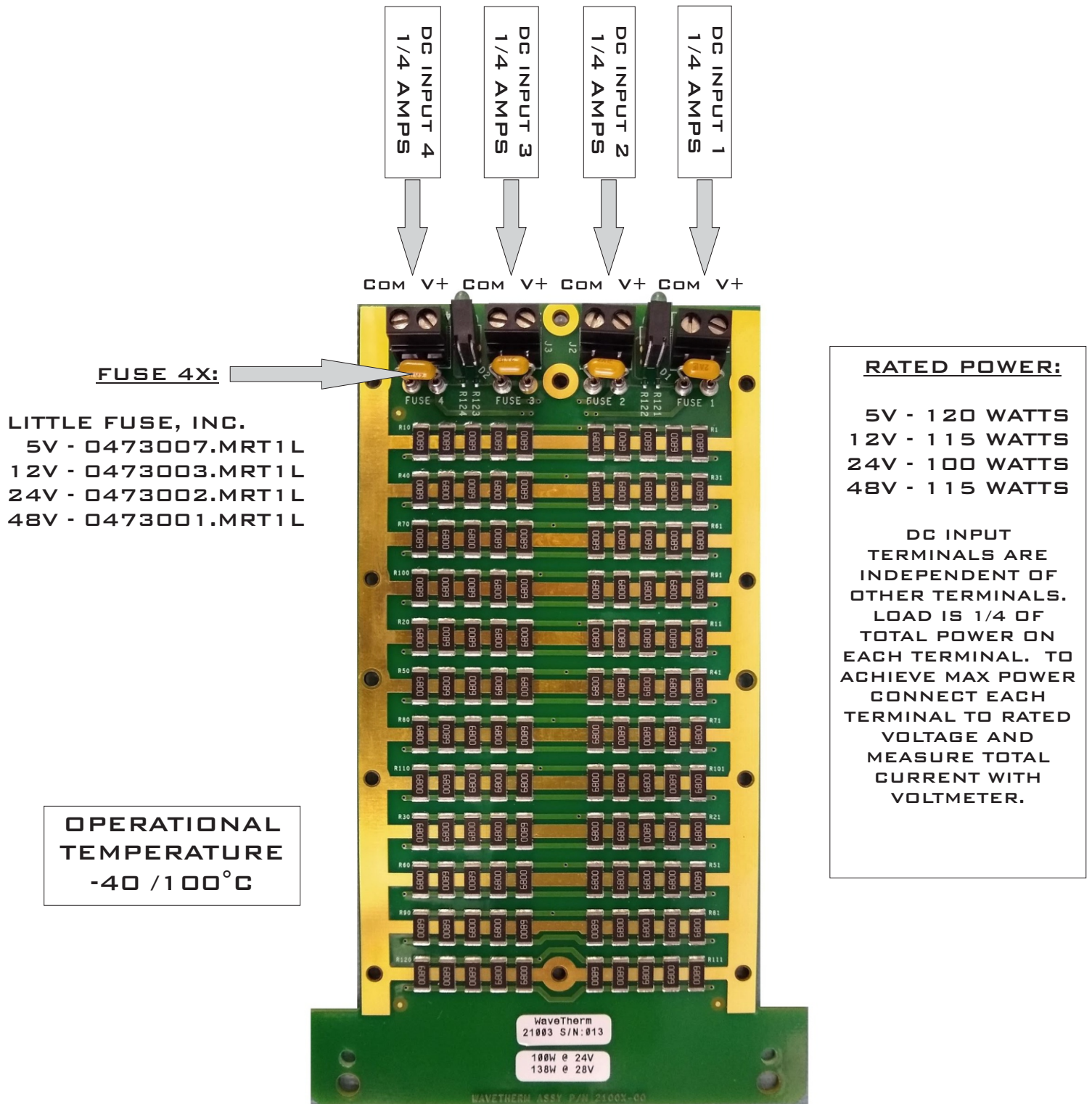
MATERIALS:

- ALUMINUM 6061-T6
- ALL HEAT FRAMES
 - ALL COVERS
 - SOLIDWEDGE

OTHER MATERIALS AVAILABLE:

- COPPER
ALUMINUM 6101-T6

THE WAVETHERM 3U CONDUCTION-COOLED THERMAL LOAD BOARD MODULE IS PART OF THE OPENCOTS PORTFOLIO OF PRODUCTS INTENDED FOR ACCELERATED PRODUCT DESIGN AND REAL-WORLD QUALIFICATION TESTING OF 3U AND 6U CONDUCTION-COOLED SINGLE BOARD COMPUTERS. WAVETHERM'S OPENCOTS PRODUCTS FACILITATE FASTER TIME-TO-MARKET, REDUCE ENGINEERING ALLOCATIONS, AND MINIMIZE PRODUCTION FABRICATION COSTS.



FUSE 4X:

LITTLE FUSE, INC.
 5V - 0473007.MRT1L
 12V - 0473003.MRT1L
 24V - 0473002.MRT1L
 48V - 0473001.MRT1L

RATED POWER:

5V - 120 WATTS
 12V - 115 WATTS
 24V - 100 WATTS
 48V - 115 WATTS

DC INPUT
 TERMINALS ARE
 INDEPENDENT OF
 OTHER TERMINALS.
 LOAD IS 1/4 OF
 TOTAL POWER ON
 EACH TERMINAL. TO
 ACHIEVE MAX POWER
 CONNECT EACH
 TERMINAL TO RATED
 VOLTAGE AND
 MEASURE TOTAL
 CURRENT WITH
 VOLTMETER.

**OPERATIONAL
 TEMPERATURE**
 -40 / 100°C

ALL PCB ASSEMBLIES ARE VOLTAGE SPECIFIC. ORDER PCB ASSEMBLY BASED ON DC VOLTAGE.
 PCB ASSEMBLIES AVAILABLE IN 5V, 12V, 24V AND 48V.
 NOTE: 24V PCB ASSEMBLY CAN OPERATE AT 28V ~ 138 WATTS