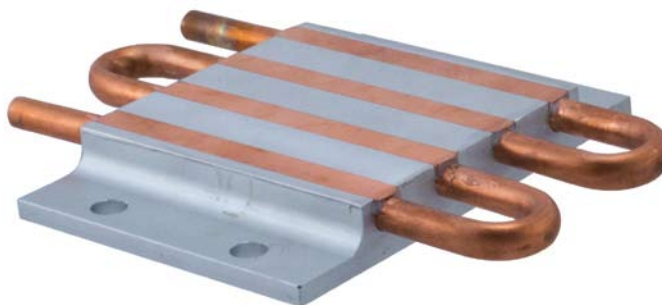


# CP Series

## Cold Plate Four-pass Heatsink



### FEATURES

- Designed for Ohmite products, Pre drilled hole patterns for standard Ohmite planar resistors TAP600/TAP800 and TAP1K0/TAP2K0.
- Design flexibility, Chill Plate lengths can be configured as well as mounting hole patterns to accept a multitude of devices.
- Thermal efficient design, Exposed copper tubing on the mounting surface for the most efficient heat transfer.

The Ohmite CP4 series Liquid Coldplates are designed for Ohmite heatsinkable type resistors, such as TAP600, TAP800, TA1K0, TA2K0, and various SOT-227 resistor packages. The CP series also provides maximum heat removal for SCRs, rectifiers, diodes, thyristors, and other high-power semiconductor devices. The CP series is customizable to fit multiple applications. Length and mounting hole patterns can be specified.

### SERIES SPECIFICATIONS

| Part Number | Mounting Surface Area (in <sup>2</sup> /mm <sup>2</sup> ) | Weight (oz/g) | Ohmite Resistor Series | Thermal Resistance* (°C/W) |
|-------------|-----------------------------------------------------------|---------------|------------------------|----------------------------|
| CP4-114A    | 19.13/12339                                               | 28.4/805      |                        | 0.43                       |
| CP4-114B    | 19.13/12339                                               | 28.4/805      | TAP600/TAP800          | 0.43                       |
| CP4-114C    | 19.13/12339                                               | 28.4/805      | TAP1K0/TAP2K0          | 0.43                       |

\* @ flow of 1.5 GPM

### CHARACTERISTICS

**Tubing** Copper, 0.375" OD, nominal wall thickness of 0.050"

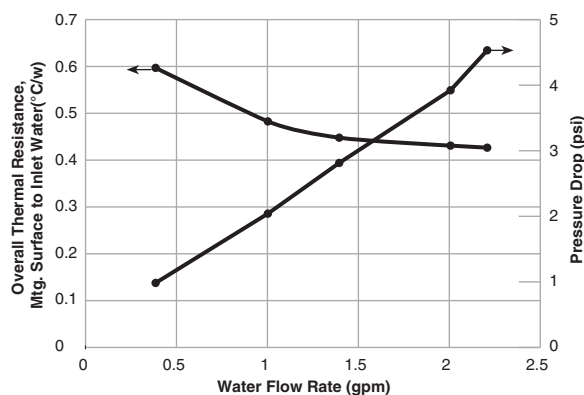
**Plate** Aluminum 6063-T5

**Weight** 805 g

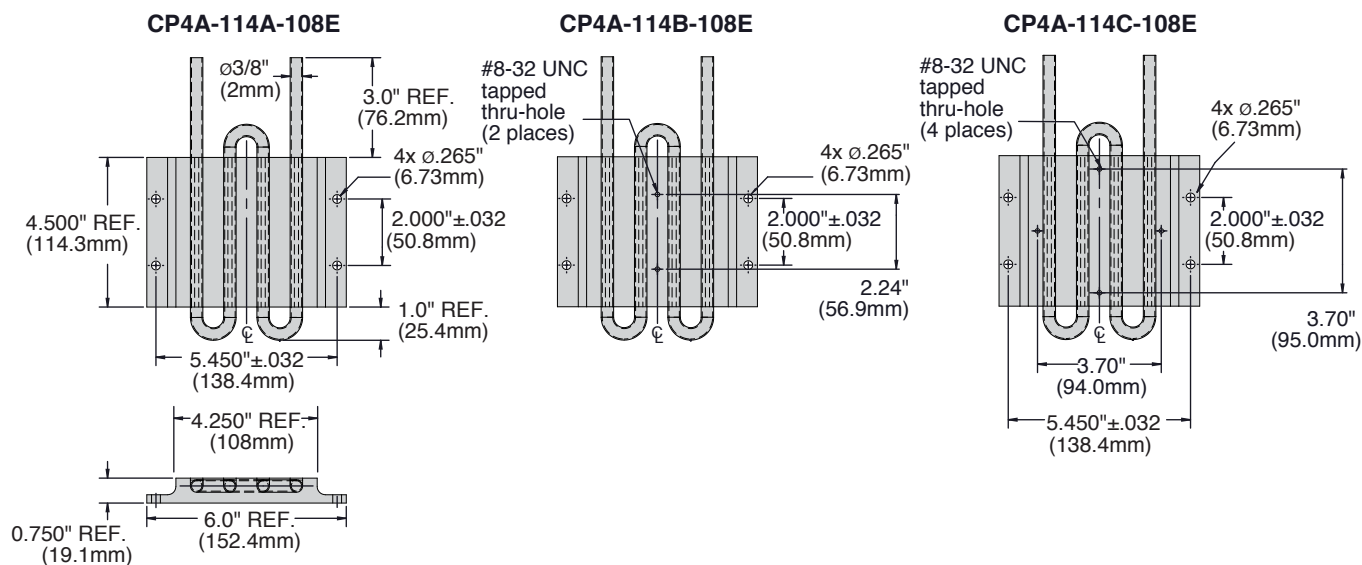
# CP Series

## Cold Plate Four-pass Heatsink

### HEAT DISSIPATION



### DIMENSIONS



### HOW TO ORDER

#### CP4A-114A-108E

Cold Plate Four Length Hole Pattern Width RoHS  
Plate Pass (mm) (mm) Compliant  
A = no holes  
B = TAP600/800  
C = TA1K0/TA2K0  
(assigned sequentially  
for custom patterns)

# Mouser Electronics

Authorized Distributor

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[CP4-114A-108E](#) [CP4-114B-108E](#) [CP4-114C-108E](#)