



**HI-CONTACT™ LIQUID COLD PLATE**

Aavid Hi-Contact™ tube liquid cold plates feature a high performance assembly utilizing a continuous tube press fit into an extruded aluminum plate. The patented geometry used in the Aavid Hi-Contact™ process moves the fluid closer to the device generating heat, achieving the best thermal performance from a tube cold plate.

To further increase the performance of Aavid's Hi-Contact™ liquid cold plates, a thermal epoxy is applied to the joint to provide a gap free thermal interface between the tube and the plate.

**AVAILABLE OPTIONS**

- *Tube Material: Stainless Steel, Cupronickel*
- *Finishes: AavSHIELD, AavSHIELD<sup>3</sup>*

**PART NUMBERS**

416401U00000G – Unfinished



**FEATURES & BENEFITS:**

- Cost Effective
- High Performance Leak Free Joints
- Hi-Contact™ for Better Heat Transfer

**HI-CONTACT™ PRODUCT SPECIFICATIONS**

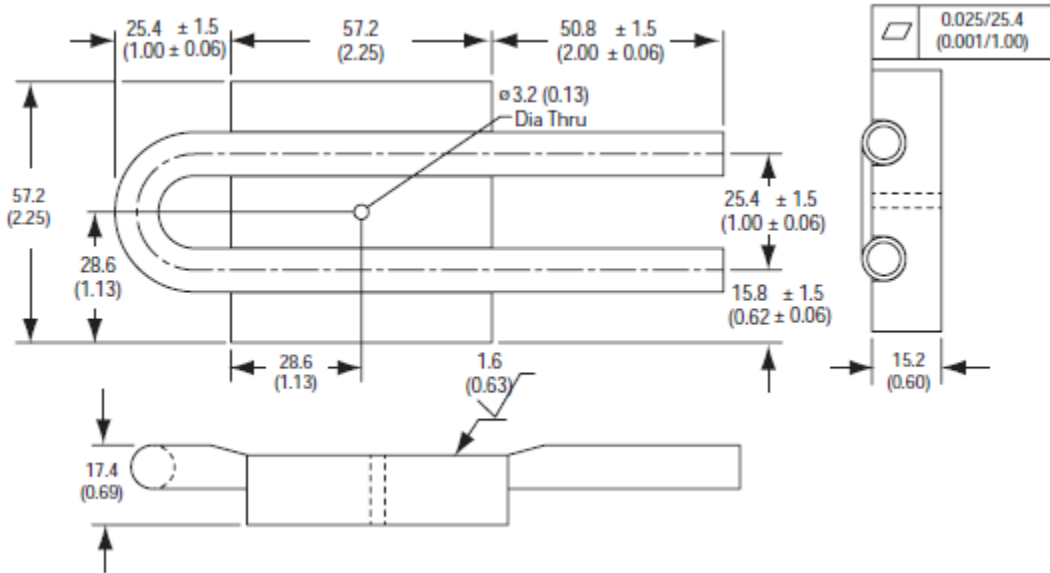
<i>Property</i>	<i>Details</i>
<i>Plate Details</i>	Extruded Aluminum
<i>Tube Material</i>	Copper 9.5mm O.D. x 1.24mm wall
<i>Standard Finish</i>	Unfinished
<i>Epoxy</i>	Aluminum Filled - High Thermal Conductivity

<i>Measurement</i>	<i>mm</i>	<i>in</i>
Length	57.15	2.25
Width	57.15	2.25
Thickness	15.24	0.60

**MECHANICAL**

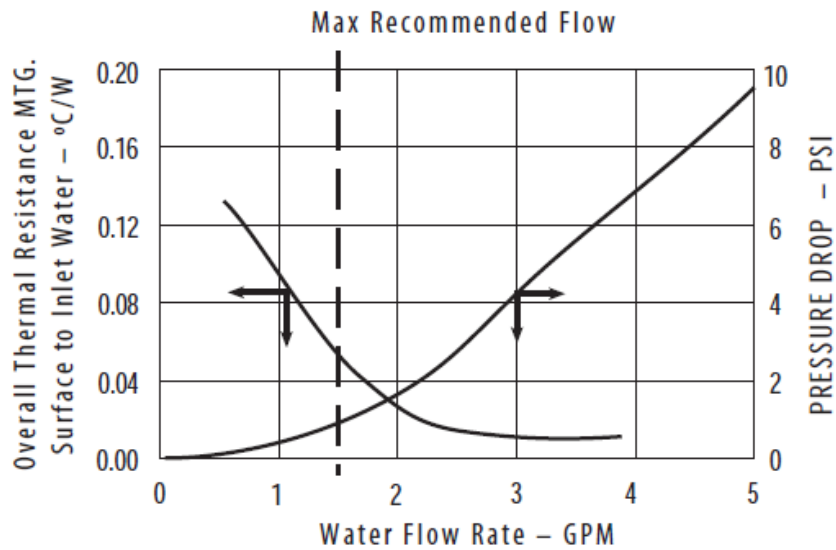
Dimensions are shown in mm

Figure 1



**PERFORMANCE – 2 PASS**

Figure 2



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