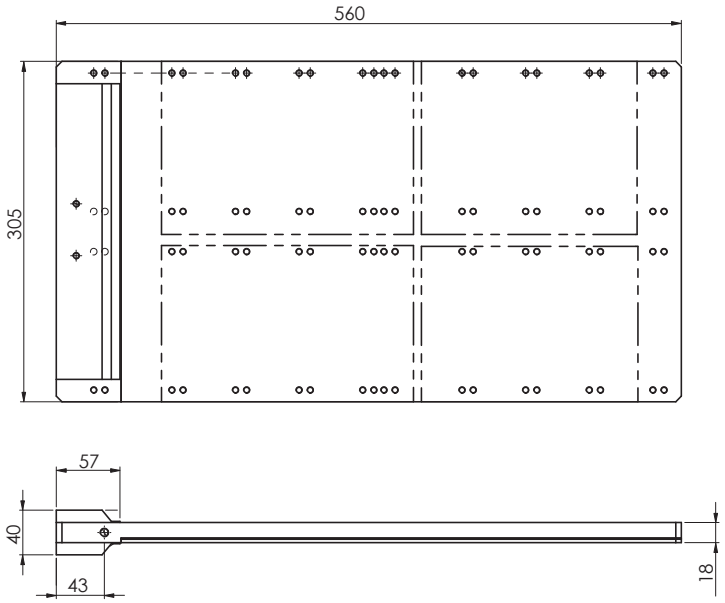
Cold plate

This cold plate is used for cooling of semiconductors

Aerospace & Avionics
Industry
Medical
Naval
Railway





Power
20kW

Thermal resistance
8°C/kW

Type	Cold plate
Power	20kW (8 x 2.5kW)
Thermal performance/Thermal resistance	8°C/kW per IGBT at Twater=60°C
Hydraulics	Glycol-water mix, 40L/min
Dimensions (mm)	560 x 365 x 18
Working temperature	-40°C to +80°C
Material	Aluminum
Specificities	Vacuum brazed

Cold plate assembled by vacuum brazing with internal features sized to cool high-power IGBT assemblies.

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