

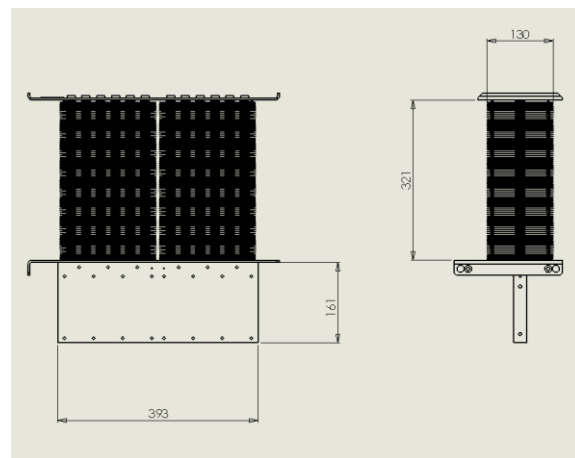
## Heat Pipes system ONIX 1500

**O**nix 1500 is a non-insulated heat pipe sub-system designed to cool down IGBTs. They are 4 IGBTs per sub-system.

It is used in forced convection in railway equipment.



- 12 grooved heat pipes filled in with methanol
- 2 grooved heat pipes filled in with water
- Evaporator block and fins in aluminium
- Surface treatment ataphoresis



Power	6800W per system
Rth	40° C/kW with air T° C at 20° C
Air flow	250l/s
Operating temperature	-40 to +50° C
Pressure drop	180Pa at 20° C

