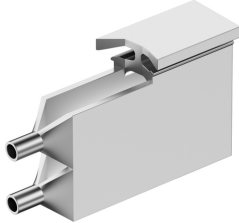


Data sheet Product FLKU 10 ... ST



Profile heatsinks and liquid coolers>Fluid coolers

- technical data refer to a water inlet temperature of 23 °C
- stainless austenitic steel / 1.4404 stainless steel V4A
- water as a cooling medium without corrosion protection inhibitors
- suitable liquid pumps and hose systems on request
- other materials with higher thermal conductivity (nickel) on request
- version with soldering for PCB mounting on request
- customer-specific adaptations and designs

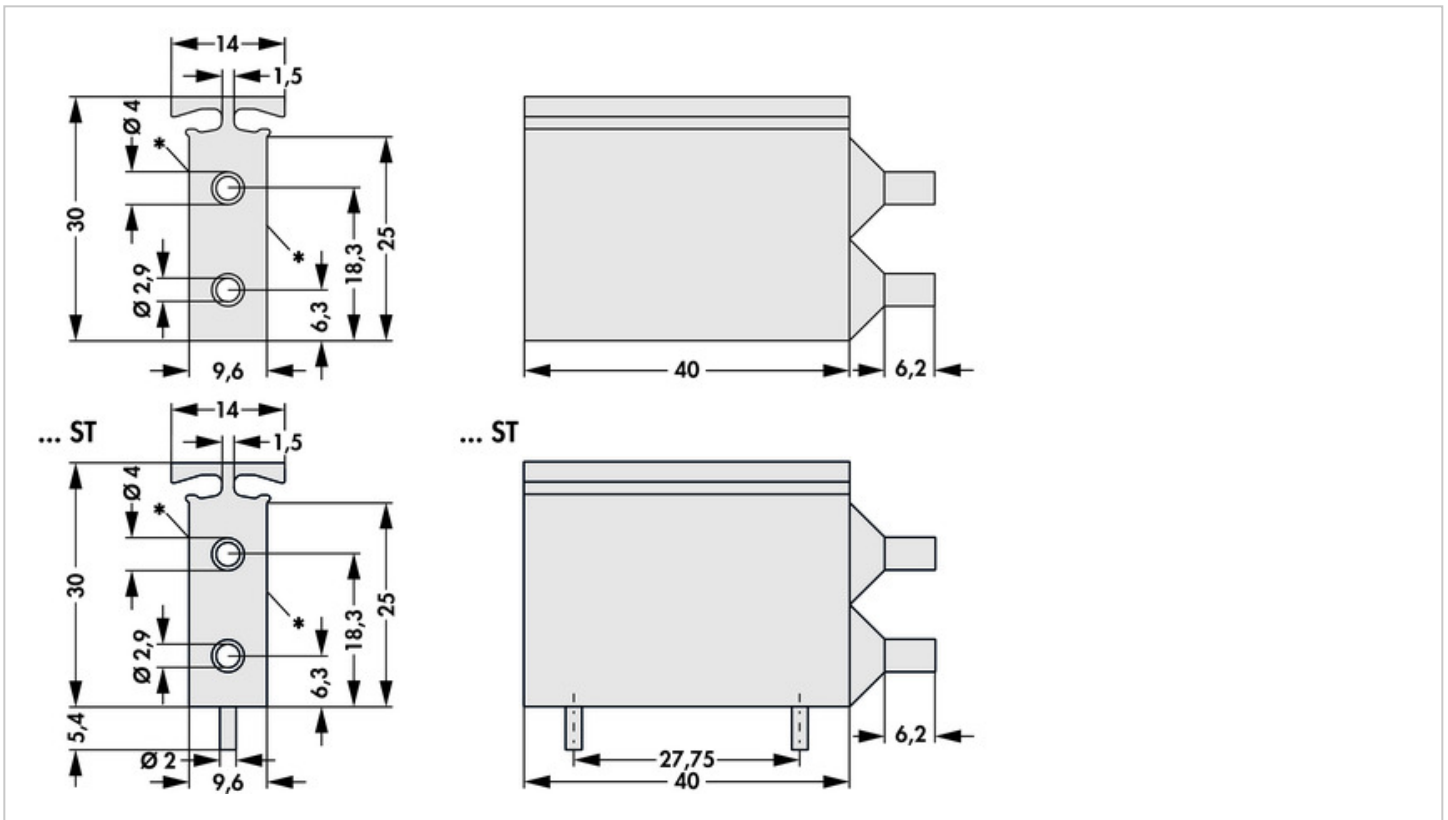
* ground flat

Liquid coolers for circuit board assembly; **produced in 3D printing with an AI-optimized heat exchange structure**; dissipation of large amounts of heat with little space requirement; **particularly suitable for power semiconductors in TO case, SIP Multiwatt and similar**; simple and safe component assembly using lock-in retaining springs for transistors from the THFU series; **separate cooling circuit on each mounting side**; minimized flow pressure losses through optimized heat exchange structure; **finely ground semiconductor mounting surfaces with very good flatness and low surface roughness**; maximum operating pressure up to 3 bar; **max. dissipated power loss with a difference in water temperature (IN = 33 ° C, OUT = 43 ° C) of 670W**; simple connection via plastic hoses from the pneumatics area; **dimensional adjustments to the given installation conditions**

Features

width:	9.6 mm
height:	30 mm
length:	45 mm
material:	stainless steel 1.4404

Technical Drawing



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