TCB-CBS5 – THERMAL CONDUCTIVE BRAID CBS5



Features

- OFHC copper, annealed
- Gold plated end plates
- Interfaces with CBS5
- Non-magnetic

Description / Applications

Cooling of an experiment can be a challenge, especially in a vacuum without exchange gas. Introducing a Thermal Conductive Braid will help, as it forms a flexible bridge of high thermal conductivity between cold plate and experiment. A TCB can be integrated in any design, but end plates are matched for use with specific JPE positioners. One end plate is sandwiched between the cold plate and positioner, while the other is screwed to the top of the positioner.

Specifications

General info	
End plate compatibility	CBS5
Dimensions	See drawings below
Operational environmental conditions	20 mK to 375 K, ambient to UHV
Weight	9 g
Thermal properties	
Thermal conductance @5K	31 [mW/K]
Materials	
Main body	OFHC copper with gold plated end plates
Model specific information	
-50	Foil length is 50 mm, for use with a xyz stack
-V, -HV or -UHV	Level of vacuum compatibility, see the glossary on the homepage for details

Ordering Information

Available Models

TCB-CBS5-50-UHV	Thermal Conductive Braid for CBS5 – length 50 mm

Available Options

None	Default delivery condition is Ultra High Vacuum compatible

Accessories

None

Mechanical and electrical information

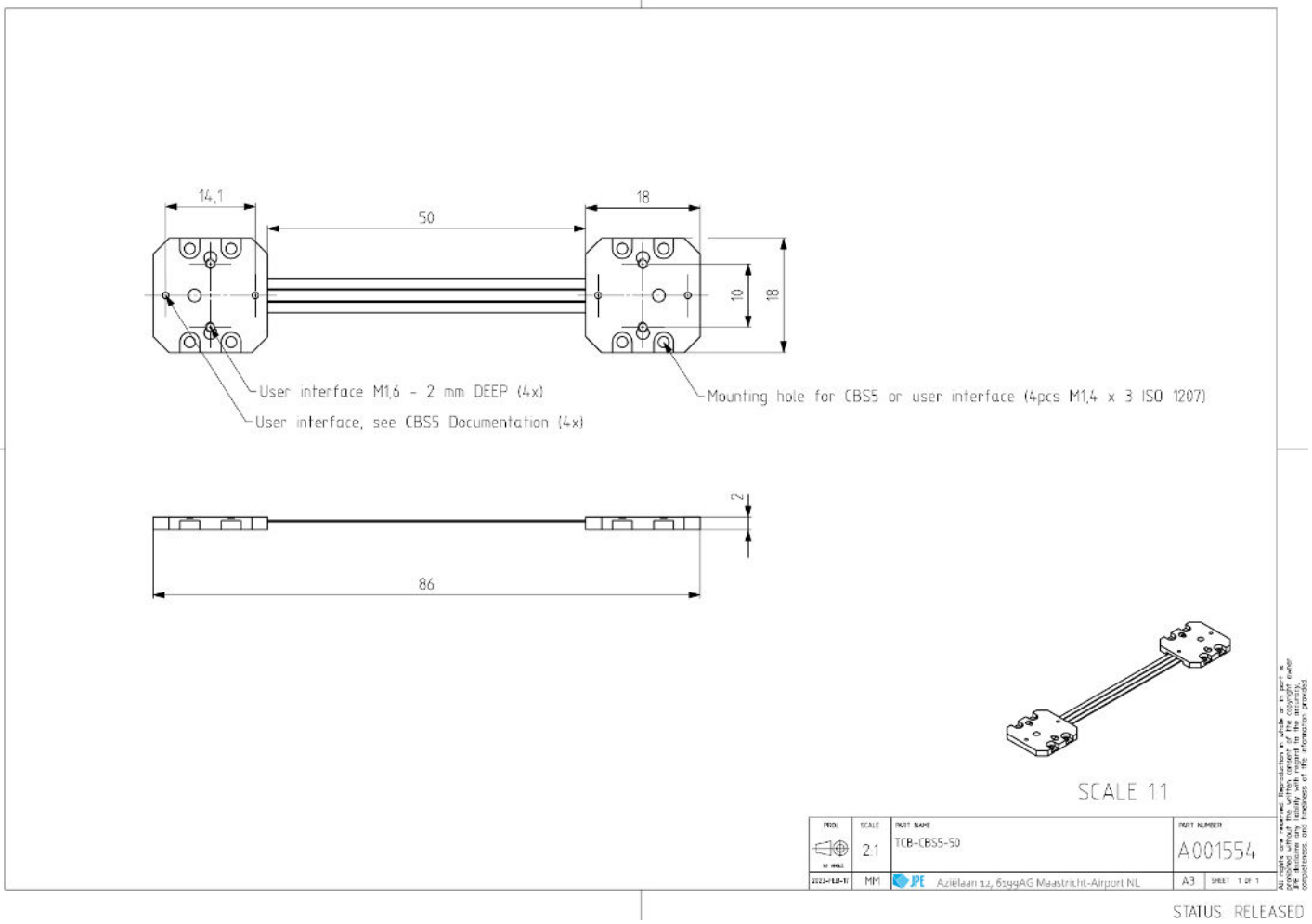
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Drawings



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