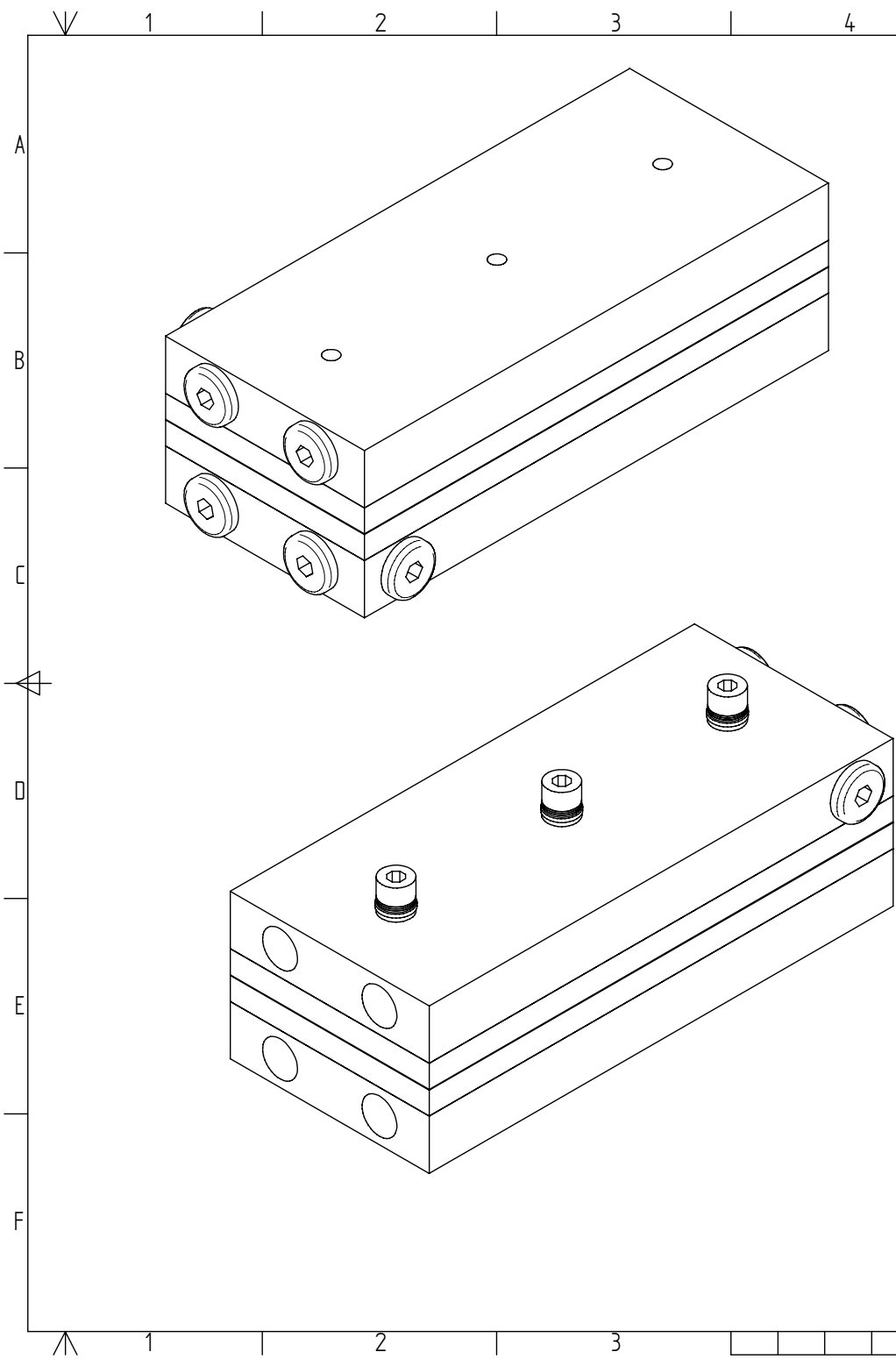
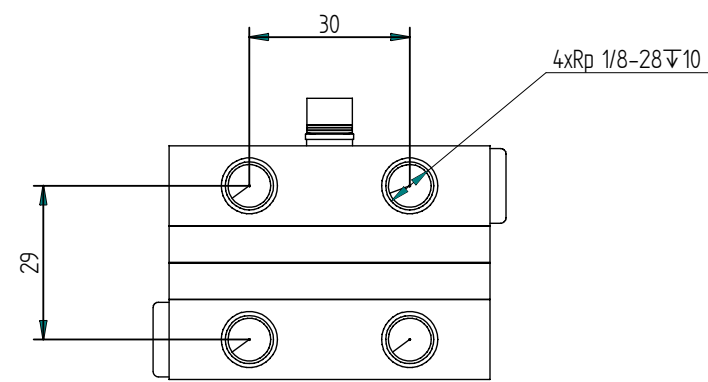


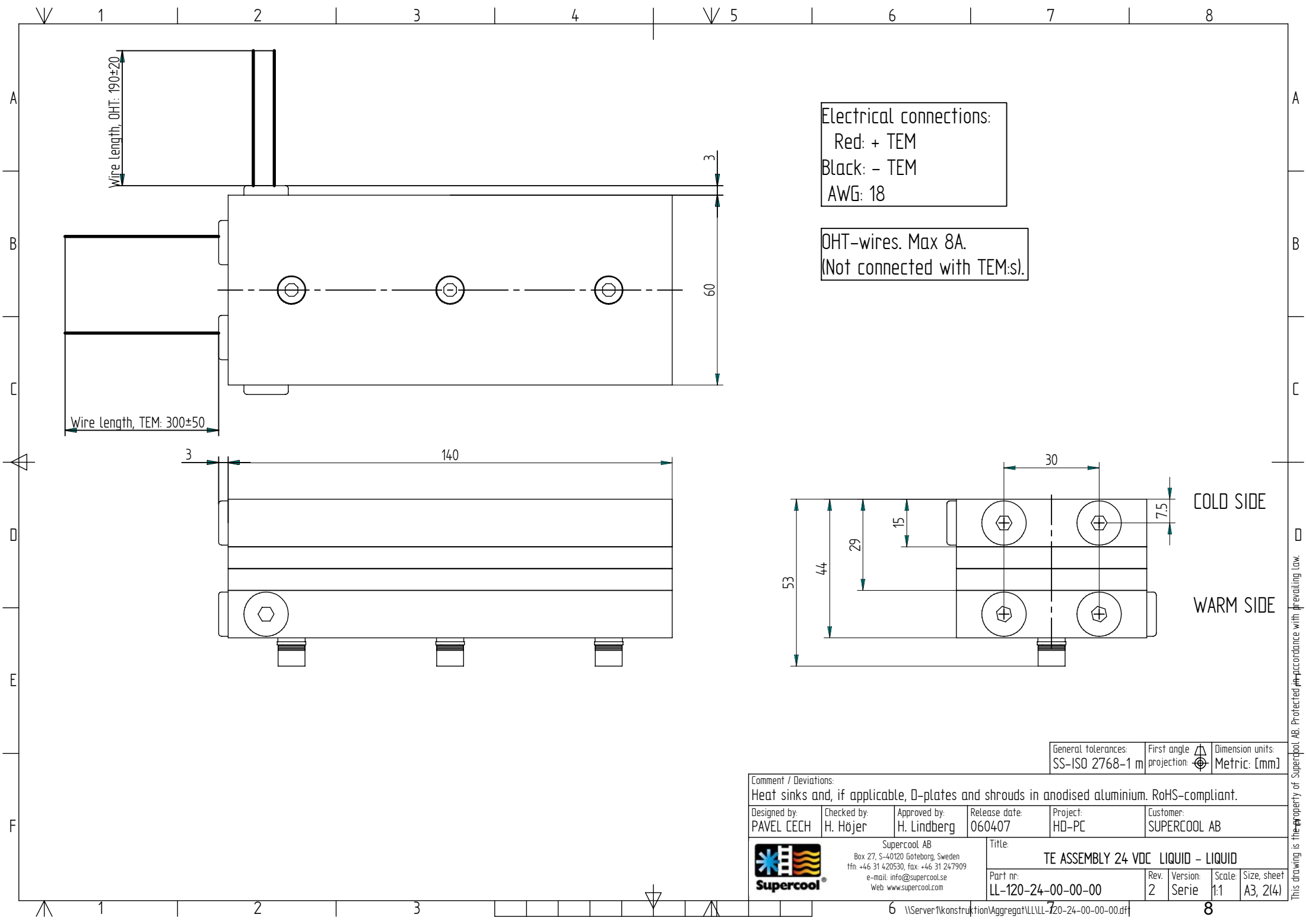


Specification: (Ta=32°C)		Code:	Description:
Heat transfer, cold side:	L	L	Liquid
Heat transfer, warm side:	L	L	Liquid
Cascade:	-	-	-
Cooling power: [W]	120	136 W at dT=0°C. Tolerance: ±10%.	
Voltage, nominal: [VDC]	24	24 VDC	
TEM Voltage: [VDC]		Nominal: 24 VDC, Max: 30 VDC	
TEM Current: [A]		Nominal: 4.2 A, Initial: 4.7 A, All at dT=0°C. Tolerance: ±10%.	
Fans, cold side:	0	None.	
Fans, warm side:	0	None.	
Temperature controller, sensor:	0	None.	
Temperature control settings, trim options:	0	-	
Additional controller information:			
Temperature control position:	0	-	
Options:	0	-	
Weight:		0.81 kg	
Overheating thermostat:		75°C ±5°C on hot side heat sink surface. Not wired in series with TEMs. Use it to control a relay.	
Operating temperature:		Max. 62°C at nominal voltage.	
TE-Module(s) temperature specification:		Max. surface temperature: 80°C	
Enclosed:		Turbolators fitted in liquid channels.	



For overheating protection the cooler is equipped with a bimetal thermostat. The maximum rating for the thermostat is 8 A DC. For systems with 8 A or less the thermostat can be connected directly in series with the ThermoElectric Modules (TEM:S). Otherwise connect the TEM:S to the power source through a relay of suitable rating which state is controlled with the bimetal thermostat.

with the bimetal thermostat.				General tolerances: SS-ISO 2768-1 m		First angle projection: 		Dimension units: Metric: [mm]				
Comment / Deviations: Heat sinks and, if applicable, D-plates and shrouds in anodised aluminium. RoHS-compliant.												
Designed by: PAVEL CECCH		Checked by: H. Höjer		Approved by: H. Lindberg		Release date: 060407		Project: HD-PC		Customer: SUPERCool AB		
					Supercool AB Box 27, S-40120 Göteborg, Sweden tfn: +46 31 420530, fax: +46 31 247909 e-mail: info@supercool.se Web: www.supercool.com							
					Title: TE ASSEMBLY 24 VDC LIQUID - LIQUID							
					Part nr: LL-120-24-00-00-00				Rev. 2	Version: Serie	Scale: 1:1	Size, sheet A3, 1/4
				6 \\Server\konstruktion\Aggregat\LL\LL-120-24-00-00-00.dxf		7				8		



General tolerances: SS-ISO 2768-1 m First angle projection: Dimension units: Metric: [mm]

Comment / Deviations: Heat sinks and, if applicable, D-plates and shrouds in anodised aluminium. RoHS-compliant.					
Designed by: PAVEL CECH	Checked by: H. Höjer	Approved by: H. Lindberg	Release date: 060407	Project: HD-PC	Customer: SUPERCool AB
 Supercool AB Box 27, S-40120 Göteborg, Sweden tfn: +46 31 420530, fax: +46 31 247909 e-mail: info@supercool.se Web: www.supercool.com			Title: TE ASSEMBLY 24 VDC LIQUID - LIQUID		
			Part nr: LL-120-24-00-00-00	Rev. 2	Version: Serie
				Scale: 1:1	Size, sheet A3, 2(4)

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