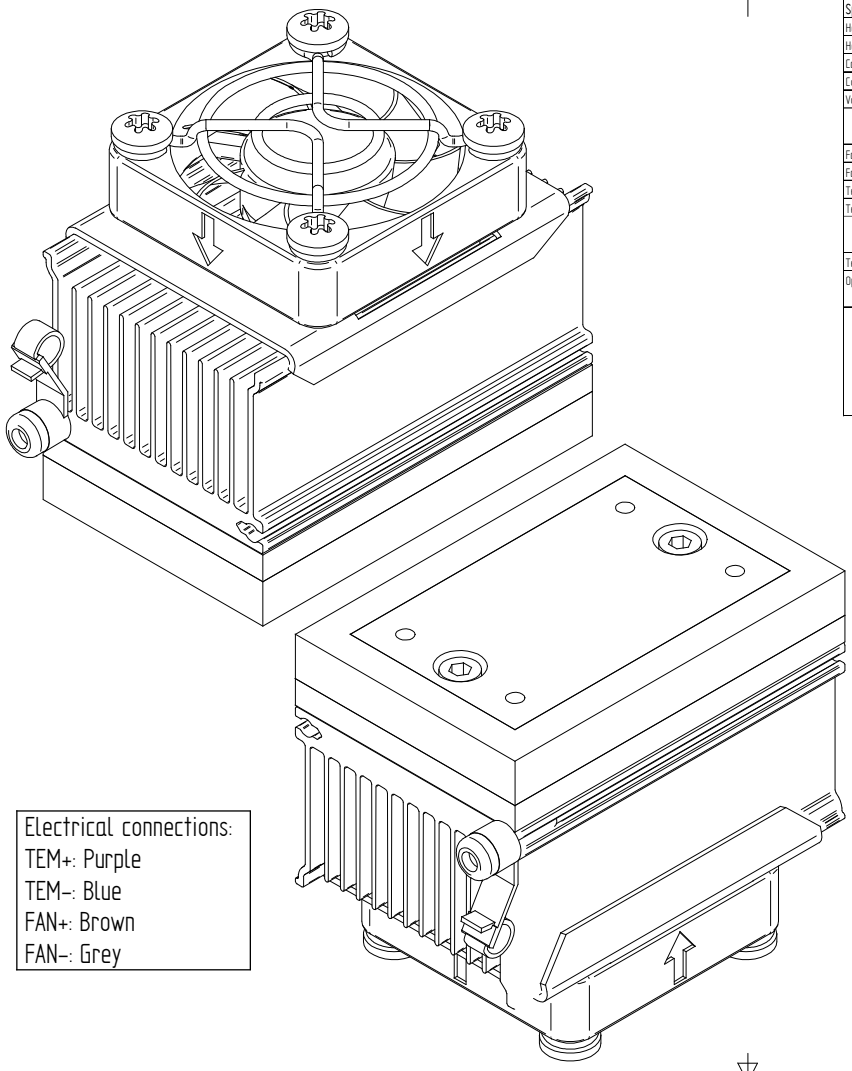
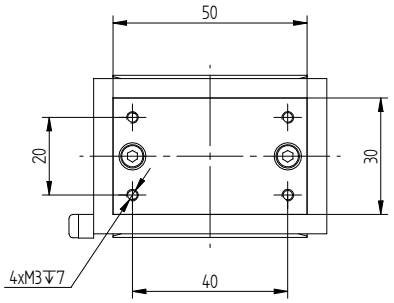


Electrical connections:
TEM+: Purple
TEM–: Blue
FAN+: Brown
FAN–: Grey

Specification: (Ta=32°C)	Code:	Description:
Heat transfer, cold side:	D	Direct
Heat transfer, warm side:	A	Air
Cascade:	–	
Cooling power: (W)	014	12 W at dT=0°C. Tolerance: ±10%.
Voltage, nominal: (VDC)	12	12 VDC.
TEM Voltage: (VDC) TEM Current: (A)		Nominal: 12 VDC, Max: 15 VDC. Nominal: 1.8 A, Initial: 2.3 A. ALL at dT=0°C. Tolerance: ±10%.
Fan(s), cold side:	0	None.
Fan(s), warm side:	2	MTBF: 50,000 hrs. L10 at 25°C. Nominal current: 0.1 A. Voltage: 12 VDC ±10%.
Temperature controller, sensor:	0	None.
Temperature control settings, trim options:	0	–
Additional controller information:		
Temperature control position:	0	–
Options:	0	–
Weight:		0.2 kg
Overheating thermostat:		None.
Operating temperature:		-10°C to +44°C at nominal voltage.
TE-Module(s) temperature specification:		Max. surface temperature: 80°C.
Enclosed:		Thermally conductive grease.
Packing:		Individual cardboard box.

Mounting dimensions.



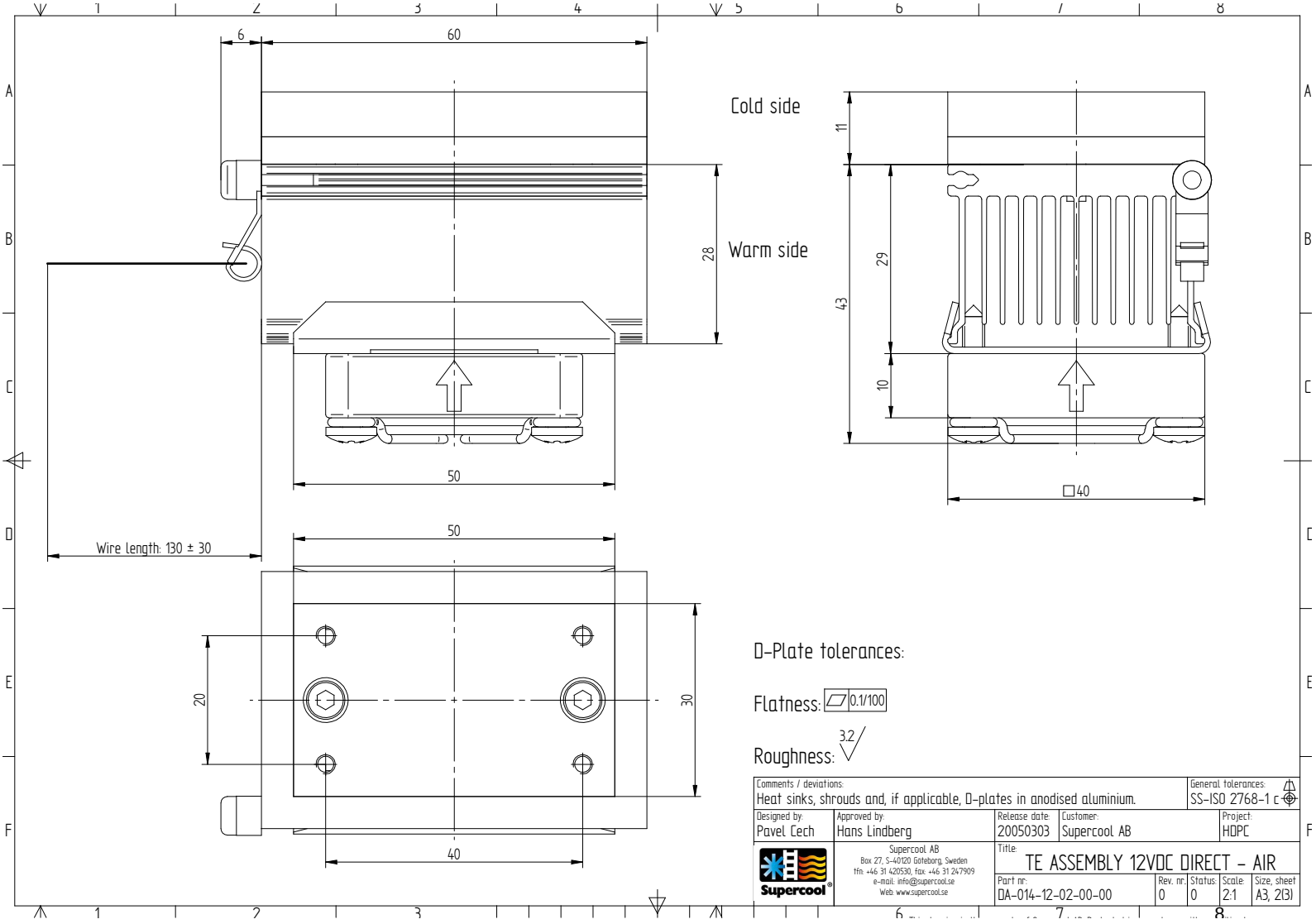
1:1

Comments / deviations:				General tolerances:
Heat sinks, shrouds and, if applicable, D-plates in anodised aluminium.				SS-ISO 2768-1 c
Designed by:	Approved by:	Release date:	Customer:	Project:
Pavel Cech	Hans Lindberg	20050303	Supercool AB	HDPE

Supercool AB
Box 27, S-40120 Göteborg, Sweden
tfn: +46 31 420530, fax: +46 31 247909
e-mail: info@supercool.se
Web: www.supercool.se

Title: TE ASSEMBLY 12VDC DIRECT – AIR

Part nr:	Rev. nr:	Status:	Scale:	Size, sheet
DA-014-12-02-00-00	0	0	2:1	A3, 1(1)



Comments / deviations: Heat sinks, shrouds and, if applicable, D-plates in anodised aluminium.				General tolerances: SS-ISO 2768-1 c
Designed by: Pavel Cech	Approved by: Hans Lindberg	Release date: 20050303	Customer: Supercool AB	Project: HDPC
Supercool AB, Box 27, S-40120 Göteborg, Sweden, tfn: +46 31 420530, fax: +46 31 247909, e-mail: info@supercool.se, Web: www.supercool.se		Title: TE ASSEMBLY 12VDC DIRECT - AIR		
		Part nr: DA-014-12-02-00-00	Rev. nr: 0 / Status: 0 / Scale: 2:1	Size, sheet: A3, 2(3)