


SPECIFICATIONS (Ta=32°C)	CODE #	DESCRIPTION
Heat Transfer Cold side	D	Direct Cooling of solid surfaces
Heat Transfer Warm side	A	Air
Cascade	-	
Cooling Effect	027	27 W at dT=0°C and Ta=32°C
Voltage Nominal	12	12 VDC (14,7 VDC MAX)
Current Nominal TE-Module(s)		3,7 A at dT=0°C PE-192-1420-1525-S
Fan(s) Cold side	0	None
Fan(s) Warm side	2	12VDC, 0,23A, 60x60x25, MTBF 40.000 hrs L10
Thermostat / Regulation & Sensor	0	None
Thermostat Settings Trimmable Accuracy & Hysteresis	0	None
Thermostat Position & Casing	0	None (Connections PC board on Warm side heat sink)
Options: Protections Rapid Cooling / Economy	0	None None
Weight Overheating Thermostat Max. operating Temperature Enclosed Packing		1,2 kg net None 55°C ambient Thermal Grease Individual paper box

POS.	ITEM No.:	DESCRIPTION	QTY	NOTE
1	Cover	Alu, anodised black	1	removable
2	Heat sink	Alu, anodised black	1	
3	Fan&Finger guard	Plastics&Chromated steel	1+1	
4	Seal	Polyethylene	1	no CFC
5	Connector	± Input terminal(screws) on PC board	1	TEM & Fan
6	Cold plate	Alu, silver anodised	1	Apply Thermal Grease

Qty/Product:		Material:		Project:	
Designed by: Pavel Cech	Approved by / sign.: Hans Lindberg	Customer:	Date/Rev.No: S-99-09-10	Scale: 1	COOLING-ASSEMBLY DAC027-12-02-00-00 SS-IS02768-1 Sheet 1/1
 Supercool AB Box 27, 40120 Göteborg, Sweden tel:+46 31 420530, fax:+46 31 247909 e-mail: pavel@supercool.se www.supercool.se					

