


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	031	31 W at dT=0°C and Ta=32°C
Voltage Nominal	12	12 VDC (14,7 VDC MAX)
Current Nominal		2,8 A at dT=0°C
TE-Module(s)		PE-161-12-15-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	0	None
Trimnable		
Accuracy & Hysteresis		
Thermostat Position & Casing	0	None (Connections PC board on Warm side heat sink)
Options: Protections	0	None
Rapid Cooling / Economy		None
Weight		0,8 kg net
Overheating Thermostat		None
Max. operating Temperature		49°C ambient
Enclosed		Thermal Grease
Packing		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-99-07-26	Scale: 1	
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