

# SmartCooler®

DATASHEET

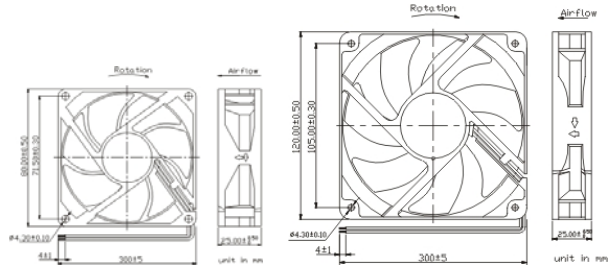
cooler than smart

## LFS1120TT: SmartCooler® Apple Fan Kit

Picture similar to original product:



Drawing similar to original product:



### Description:

SmartCooler® industrial high end fan kit for Apple Macintosh Computer. Made of PBT + 15-30% GF UL94V-0 with very low noise features, minimum vibration and minimum pulsing noise. Kit contents two SmartSpeed® fan and add on parts.

### Product data:

Size (LxWxH):	120x25mm, 80x25mm	Bearing:	2 ball high tech nano bearing
Hole distance:	105.0mm, 71.5mm	Weight:	165 gramm, 70 gramm
Hole diameter:	4.3mm	Frame:	8-Hole Frame
Cable:	500mm, UL 1007 AWG 26	Connector:	3-Pin connector 2.54mm
Optional features:	Speed signal	Add on:	3 to 2 Pin cable, screws, SmartVIB's®

### Function data:

(V)= 4-Hole, (P)= PWM

Fan Size:	80 x 25mm				120 x 25mm			
Temperature on TC °C:	30°C	40°C	50°C	60°C	30°C	40°C	50°C	60°C
R.P.M. +/- 10%:	1.000	1.500	1.800	1.900	800	1.200	1.600	1.700
Airflow m³/h:	25.00	37.00	46.42	49.00	56.00	84.00	112.00	119.00
Airflow cfm:	14.70	21.76	27.30	28.82	32.94	49.41	65.88	70.00
Aqmm.	0.496	0.906	1.224	1.415	0.828	1.573	2.829	3.752
Noise dbA:	8.000	15.00	17.00	19.00	13.00	20.00	26.50	28.00

### Electrical data:

Rated current Amp:	0.060	0.070	0.080	0.090	0.080	0.120	0.160	0.170
Rated Power Watt:	0.720	0.840	0.960	1.080	0.960	1.440	1.960	2.040
Starting voltage:	8 Volt							
Operation voltage:	12 Volt							

### Physical boundaries:

MTBF time about:	300.000 hours	Drop test:	Withstands free body drop of 30cm on a 1m² wooden table with a thickness of 10mm.
Max.environment°C:	70°C	Vib. test:	1.000 R.P.M at 2mm amplitude for 30 Min.

Item:

Safety standards:

Produced after following standards: CE, TÜV, UL, UR

Item:

Packing:

Size retail Box (LxWxH): 290x180x25mm

Shipping qty. carton: 20 pcs.

### Note:

### Revision:

Revision: 3.3

Last change: 2008-09-03

SmartCooler GmbH accept no liability for accuracy of the above given information.  
Technical changes are subject to alteration.

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