

SmartCooler®

DATASHEET

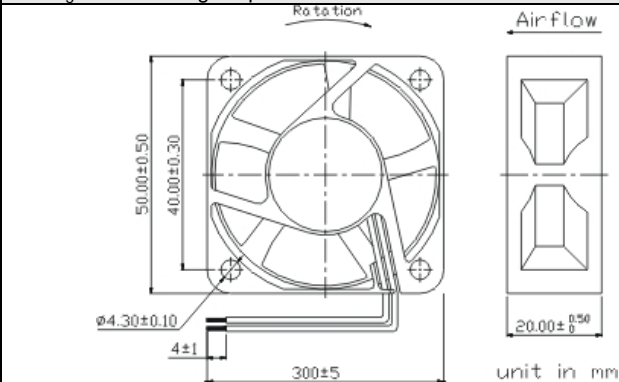
cooler than smart

LFM1450T(V): SmartCooler® SmartSpeed® fan 50x50x20mm

Picture similar to original product:



Drawing similar to original product:



Description:

50x20mm SmartCooler® SmartSpeed® high end fan made of PBT + 15-30% GF UL94V-0 with very low noise features, minimum vibration and minimum pulsing noise. Rotation from 2.500 up to 4.500 R.P.M.. Airflow from 12.0 – 25.0m³/h. Noise from 12-25dBA.

Product data:

Size (LxWxH):	50x50x20mm	Bearing:	2 ball high tech nano bearing
Hole distance:	40.0mm	Weight:	32 gramm
Hole diameter:	4.3mm	Frame:	4-Hole Frame
Cable:	200mm, UL 1007 AWG 26	Connector:	3-Pin connector 2.54mm
Optional features:	Speed signal, Auto restart	Thermistor length:	10.0 mm

Function data:

(V)= 4-Hole

Temperature on TC:	25 °C	30 °C	40 °C	50 °C	60 °C		
R.P.M. +/- 10%:	2.500	3.000	3.500	4.000	4.500		
Airflow m³/h:	12.00	15.00	19.00	22.00	25.00		
Airflow cfm:	7.058	8.823	11.17	12.94	14.70		
Aqmm.	0.992	1.592	2.195	2.797	3.400		
Noise dbA:	12.00	15.00	19.00	22.00	25.00		

Electrical data:

Rated current Amp:	0.070	0.080	0.100	0.120	0.150		
Rated Power Watt:	0.840	0.960	1.200	1.440	1.800		
Starting voltage:	8 Volt						
Operation voltage:	12 Volt						

Physical boundaries:

MTBF time about:	<=50°C= 300K/h, >50°C=250K/h	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):	170x120x20mm
Shipping qty. carton:	100 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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