

SmartCooler®

DATASHEET

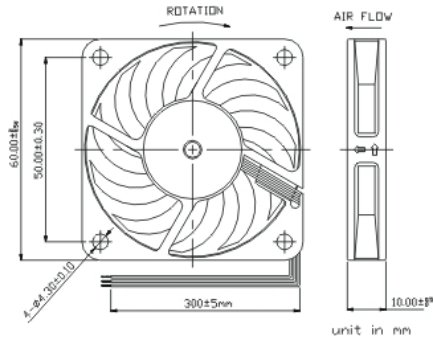
cooler than smart!

LFM1160T: SmartCooler® SmartSpeed® fan 60x60x10mm

Picture similar to original product:



Drawing similar to original product:



Description:

60x10mm 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 19.8 – 35.7m³/h. Noise from 15-32dBA.

Product data:

Size (LxWxH):	60x60x10mm	Bearing:	2 ball high tech nano bearing
Hole distance:	50.0mm	Weight:	27 gramm
Hole diameter:	4.3mm	Frame:	4-Hole Frame
Cable:	300mm, UL 1007 AWG 26	Connector:	3-Pin connector 2.54mm
Optional features:	Speed signal	Thermistor length:	12.0 mm

SmartSpeed® 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:	19.80	23.80	27.80	31.80	35.70		
Airflow cfm:	11.64	14.00	16.35	18.70	21.00		
Aqmm.	0.937	1.452	1.968	2.484	3.000		
Noise dbA:	15.00	19.00	22.00	28.00	32.00		

Electrical data:

Rated current Amp:	0.100	0.120	0.140	0.160	0.200		
Rated Power Watt:	1.200	1.440	1.680	1.920	2.400		
Starting voltage:	8.00 Volt						
Operation voltage:	12.00 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):	170x120x10mm
Shipping qty. carton:	200 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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