

SmartCooler®

DATASHEET

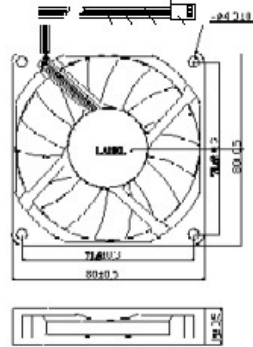
cooler than smart

LFW1380: SmartCooler® industrial fan 80x80x15mm

Picture similar to original product:



Drawing similar to original product:



Description:

80x15mm SmartCooler® industrial high end fan made of PBT + 15-30% GF UL94V-0 with very low noise features, minimum vibration and minimum pulsing noise. Rotation from 1.200 up to 4.000 R.P.M.. Airflow from 24.0 – 83.0m³/h. Noise from 9-35 dBA.

Product data:

Size (LxWxH):	80x80x15mm	Bearing:	2 ball high tech nano bearing
Hole distance:	71.5mm	Weight:	35 gramm
Hole diameter:	4.3mm	Frame:	4-Hole Frame
Cable:	200mm, UL 1007 AWG26	Connector:	3-Pin, 4-Pin connector 2.54mm
Optional features:	Speed signal	Autorestart	PWM-Signal

Function data:

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

Version:	L(V)	E(V)	M(V)	S(V)	H(P)(V)	U(P)(V)	X(P)(V)
R.P.M. +/- 10%:	1.200	1.500	2.000	2.500	3.000	3.500	4.000
Airflow m³/h:	24.00	31.00	42.00	52.00	63.00	73.00	83.00
Airflow cfm:	14.11	18.23	24.70	30.58	37.05	42.94	48.82
Aqmm.	0.685	0.956	1.791	2.704	3.617	4.784	5.952
Noise dbA:	9.000	12.00	19.00	25.00	28.00	32.00	35.00

Electrical data:

Rated current Amp:	0.05A	0.06A	0.07A	0.09A	0.11A	0.15A	0.20A
Rated Power Watt:	1.20W	1.44W	1.68W	2.16W	2.64W	3.60W	4.80W
Starting voltage:	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V	12.0V
Operation voltage:	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V	24.0V

Physical boundaries:

MTBF time about:	<= H = 300K/h, > H = 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):

190x150x15mm

Shipping qty. carton:

100 pcs.

Note:

Revision:

Revision: 3.3

Last change: 2008-09-01

SmartCooler GmbH accept no liability for accuracy of the above given information.

Technical changes are subject to alteration.

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