

# SmartCooler<sup>®</sup>

**DATASHEET**

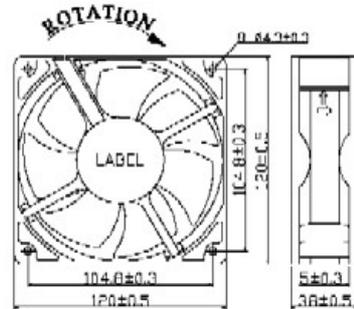
*cooler than smart*

## LFM1712: SmartCooler<sup>®</sup> industrial fan 120x120x38mm

Picture similar to original product:



Drawing similar to original product:



### Description:

120x38mm SmartCooler<sup>®</sup> 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 700 up to 3.500 R.P.M.. Airflow from 49.0 – 245.0m<sup>3</sup>/h. Noise from 12-52dBa.

### Product data:

Size (LxWxH):	120x120x38mm	Bearing:	2 ball high tech nano bearing
Hole distance:	105.0mm	Weight:	230 gramm
Hole diameter:	4.3mm	Frame:	8- or 4-Hole Frame
Cable:	500mm, UL 1007 AWG 26	Connector:	3-Pin, 4-Pin connector 2.54mm
Optional features:	Speed signal	Autorestart	PWM-Signal

### Function data:

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

Version:	L	E	M	S(P)	H(P)	U(P)	X(P)
R.P.M. +/- 10%:	700	1.000	1.500	2.000	2.500	3.000	3.500
Airflow m <sup>3</sup> /h:	49.00	70.00	105.00	140.00	175.00	210.00	245.00
Airflow cfm:	28.82	41.17	61.76	82.35	102.94	123.52	144.12
Aqmm.	1.187	1.906	3.325	5.464	7.809	10.154	12.683
Noise dbA:	12.00	15.00	25.00	32.00	38.00	45.00	52.00

### Electrical data:

Rated current Amp:	0.06A	0.08A	0.15A	0.22A	0.30A	0.40A	0.50A
Rated Power Watt:	0.72W	0.96W	1.80W	2.64W	3.60W	4.80W	6.00W
Starting voltage:	7.00V	5.00V	5.00V	5.00V	5.00V	5.00V	5.00V
Operation voltage:	12.0V						

### Physical boundaries:

MTBF time about:	<= H = 300K/h, > H = 250K/h	Drop test:	Withstands free body drop of 30cm on a 1m <sup>2</sup> 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):

225x180x38mm

Shipping qty. carton:

50 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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