

SmartCooler[®]

DATASHEET

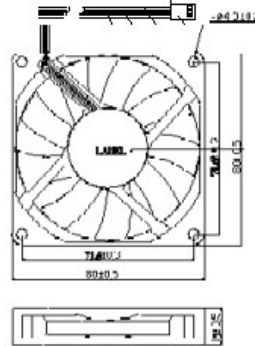
cooler than smart

LFM1380: 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 m ³ /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: | 0.10A | 0.12A | 0.14A | 0.18A | 0.22A | 0.30A | 0.40A |
| Rated Power Watt: | 1.20W | 1.44W | 1.68W | 2.16W | 2.64W | 3.60W | 4.80W |
| Starting voltage: | 5.00V | 5.00V | 5.00V | 5.00V | 5.00V | 5.00V | 5.00V |
| Operation voltage: | 12.0V | 12.0V | 12.0V | 12.0V | 12.0V | 12.0V | 12.0V |

Physical boundaries:

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