

SmartCooler®

DATASHEET

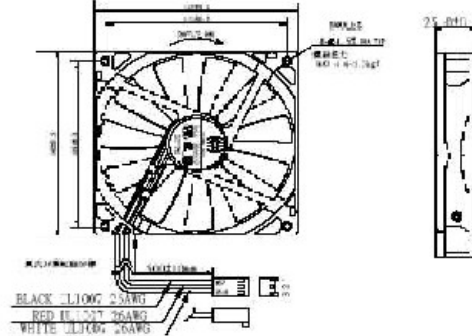
cooler than smart

LFM1514: SmartCooler® industrial fan 140x140x25mm

Picture similar to original product:



Drawing similar to original product:



Description:

140x25mm 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 900 up to 1.800 R.P.M.. Airflow from 85.0 – 175.0 m³/h. Noise from 15-38dBA.

Product data:

| | | | |
|--------------------|-----------------------|-------------|-------------------------------|
| Size (LxWxH): | 140x140x25mm | Bearing: | 2 ball high tech nano bearing |
| Hole distance: | 125.0mm | Weight: | 180 gramm |
| Hole diameter: | 4.3mm | Frame: | 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(V) | E(V) | M(V) | S(P)(V) | H(P)(V) | U(P)(V) | X(P)(V) |
|-----------------|------|-------|-------|---------|---------|---------|---------|
| R.P.M. +/- 10%: | | 900 | 1.200 | 1.500 | 1.800 | | |
| Airflow m³/h: | | 85.00 | 115.0 | 140.0 | 175.0 | | |
| Airflow cfm: | | 50.00 | 67.65 | 82.35 | 102.94 | | |
| Aqmm. | | 0.831 | 1.187 | 1.906 | 3.325 | | |
| Noise dbA: | | 15.00 | 25.00 | 32.00 | 38.00 | | |

Electrical data:

| | | | | | | | |
|--------------------|--|-------|-------|-------|-------|--|--|
| Rated current Amp: | | 0.07A | 0.12A | 0.25A | 0.40A | | |
| Rated Power Watt: | | 0.84W | 1.44W | 3.00W | 4.80W | | |
| Starting voltage: | | 5.00V | 5.00V | 5.00V | 5.00V | | |
| Operation voltage: | | 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 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):

225x180x25mm

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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