AFB0312HA-7G82 Delta 12V 0.15A ball cooling fan

SKU: AFB0312HA-7G82

Price: $9.99

Categories: Fans

Tags: Delta

Product Link:
https://www.elecspares.com/product/afb0312ha-7g82-delta-12v-0-15a-cooling-fan/

Product Description

Delta new original and authentic AFB0312HA-7G82 12V 0.15A 3010 ball cooling fan

Model Number: AFB0312HA-7G82

Manufacturer: Delta Electronics

Series: AFB

Fan Type: DC Brushless Axial Fan

Dimensions L x H x W: 30 mm x 30 mm x 10 mm

Rated Voltage: 12 VDC

Operating Voltage Range: 9.5 VDC to 13.8 VDC

Rated Current: 0.15 A

Input Power: 1.8 W

Wiring: 2 Wire Leads

Bearing Type: Ball Bearing

Rotational Speed RPM: 9000 RPM

Maximum Airflow: 3.53 CFM

Maximum Static Pressure: 0.098 in H2O

Noise Level: 25 dBA

Frame Material: Plastic

Impeller Blade Material: Plastic

Protection Functions: Locked Rotor Protection, Reverse Polarity Protection, Auto Restart

Operating Temperature Range: -10°C to +70°C

Expected Life: 70,000 Hours at 40°C

Mass: Approximately 10.5 g

Safety Approvals: CE, CURus, VDE

The Delta AFB0312HA-7G82 is a compact and efficient 30x30x10mm DC axial fan from Delta's AFB series. Operating on 12VDC, it consumes 1.8W of power with a current draw of 0.15A. This fan features durable ball bearings for a long operational life of 70,000 hours at 40°C. It delivers a notable airflow of 3.53 CFM at a high speed of 9000 RPM, generating a static pressure of 0.098 in H_2O, with a low noise level of 25 dBA.

The 2-wire configuration typically includes a tachometer output for speed monitoring. It also incorporates essential protection functions such as locked rotor protection, reverse polarity protection, and auto restart, enhancing its reliability and system safety.
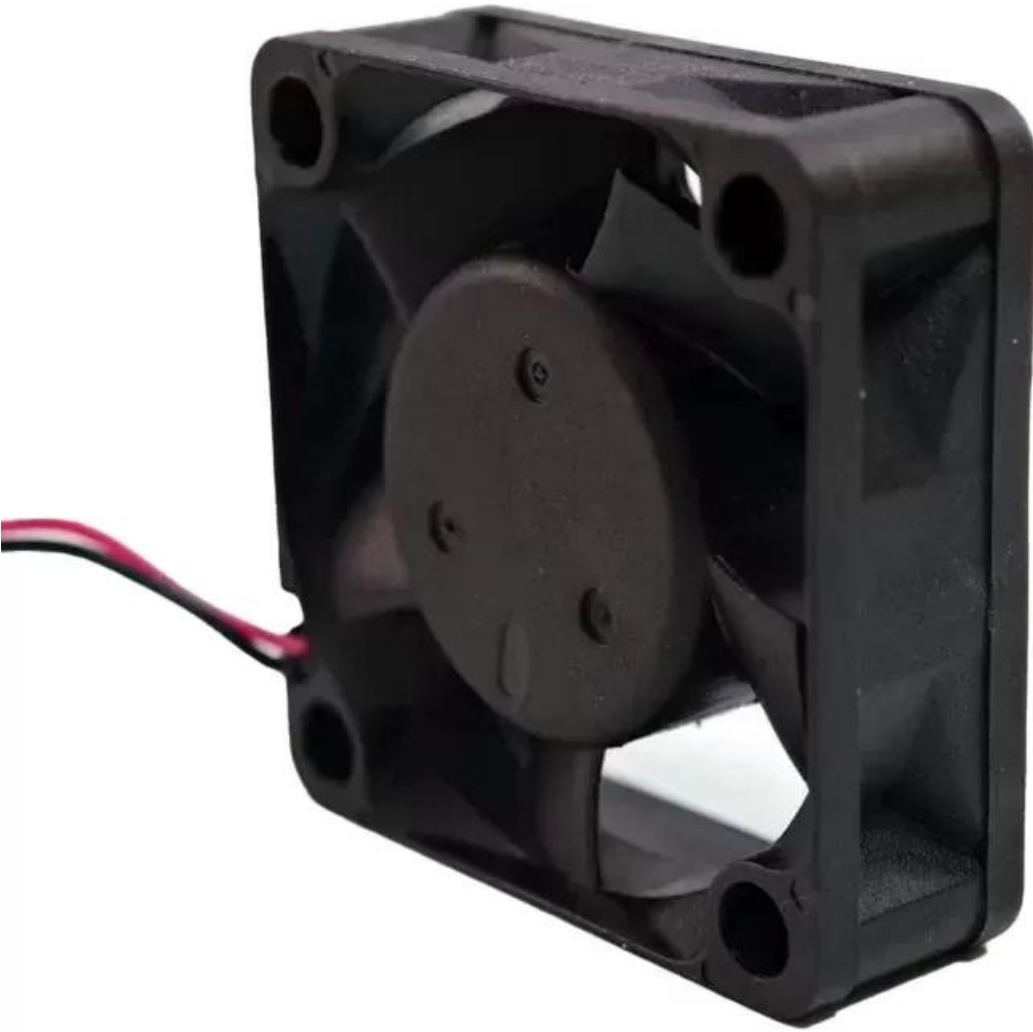
This fan is an excellent choice for cooling applications in miniaturized electronics, embedded systems, 1U server components, small networking devices, and other equipment where effective heat dissipation is required in extremely limited space, with the benefit of monitoring capabilities and low noise.

Product Images

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