ASB0205HA-007JL Delta 5VDC 20x20x10mm Axial Fan Datasheet

Brand: Delta

SKU: 903869846276

Category: Axial & Centrifugal Fans

Price: **$12.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/asb0205ha-007jl-delta-5vdc-20x20x10mm-axial-fan

Product Description

Delta ASB0205HA-007JL is a 5VDC 20x20x10mm Axial Fan optimized for localized thermal management in ultra-compact electronic enclosures. This micro-scale cooling solution utilizes a highly efficient DC brushless motor and a precision sleeve bearing architecture to minimize mechanical friction and thermal impedance. The aerodynamic 5-blade impeller is engineered for structural rigidity, ensuring stable laminar flow even at high rotational speeds. Operating at a rated current of 0.10A and consuming only 0.5W, this fan delivers a balanced 2.0 CFM airflow and 0.15 inH2O static pressure, making it an ideal replacement fan for sensitive portable instrumentation where space and power efficiency are critical.

Model Number: ASB0205HA-007JL
Brand: Delta Electronics
Product Type: Axial Fan
Rated Voltage: 5 VDC
Voltage Range: 4.5 - 5.5 VDC
Rated Current: 0.10 A
Power: 0.5 W
Rated Speed: 11000 RPM
Bearing Type: Sleeve Bearing
Max. Air Flow: 2.0 CFM (0.057 m^3/min)
Max. Static Pressure: 3.81 mmH_2O (37.36 Pa / 0.15 inH_2O)

Dimensions: 20 x 20 x 10 mm
Weight: 6.5 g
Life Expectancy: 30000 Hours at 40°C
Noise Level: 21.0 dBA
Housing Material: Plastic (UL94V-0)
Blade Material: Plastic (UL94V-0)
Termination: 3 Lead Wires (Signal Output Included)
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +75 °C
Protection: Locked Rotor Protection

ASB0205HA-007JL Applications
1. Handheld Medical Diagnostics: The 20mm form factor and low-vibration profile provide essential cooling for internal sensors without compromising optical precision or device ergonomics.
2. VR/AR Headsets: High static pressure relative to size allows for efficient heat dissipation through dense internal component arrays in wearable technology.
3. Micro-SBC and IoT Gateways: Ideal replacement fan for 5V powered development boards and compact networking nodes requiring continuous thermal regulation in restricted air-volume environments.

Supplemental Images


MODEL ASB0205HA-00 7JL F5
DC05V 0.10A
3X24A7R
DELTA ELECTRONICS,INC.
MADE IN CHINA (WF)