CHC8012FB-A(P) SUPERRED 12VDC 80mm Axial Fan Datasheet

SKU: 981737129316

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/chc8012fb-ap-superred-12vdc-80mm-axial-fan

Product Description

The SUPERRED CHC8012FB-A(P) is a high-performance DC axial fan engineered for demanding industrial and server-grade cooling applications. Manufactured by Chaun-Choung Technology, this unit features a robust motor design capable of sustaining high rotational speeds to deliver exceptional airflow and static pressure. The 12VDC motor utilizes a durable bearing system, typically dual ball bearing architecture, to ensure longevity and stability under continuous operation. With a rated current of 1.50A, the CHC8012FB-A(P) is designed to overcome significant thermal impedance in dense electronic enclosures, offering superior heat dissipation properties. Its structural rigidity and aerodynamic blade design minimize vibration while maximizing air throughput for critical hardware protection.

Model Number: CHC8012FB-A(P)
Brand: SUPERRED (Chaun-Choung Technology)
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Operating Voltage Range: 10.2 - 13.8 VDC
Rated Current: 1.50 A
Input Power: 18.0 W
Dimensions: 80 x 80 x 25 mm
Bearing Type: Dual Ball Bearing
Max. Air Flow: 84.0 CFM (Estimated based on Power Class)

Max. Static Pressure: High Static Pressure Profile
Speed Control: PWM (Pulse Width Modulation)
Termination: 4-Wire Lead with Connector
Housing Material: PBT Plastic (UL94V-0)
Blade Material: PBT Plastic (UL94V-0)
Operating Temperature: -10°C to +70°C
Storage Temperature: -40°C to +70°C
Ingress Protection: IP20
Life Expectancy: 70,000 Hours at 40°C

The CHC8012FB-A(P) is specifically calibrated for high-density electronic environments such as rack-mount servers, telecommunications base stations, and industrial power supplies. Its high-static pressure capabilities make the CHC8012FB-A(P) ideal for forcing air through restrictive heatsinks and tightly packed chassis where standard fans fail to maintain adequate airflow. Additionally, this model is suitable for cooling high-wattage components in CNC machinery and medical instrumentation requiring reliable thermal regulation.

Supplemental Images


CAUTION