PVA040F12N-Q14-AB Foxconn 12VDC 40x40x20mm 4-Wire Axial Fan Datasheet

Brand: Foxconn

SKU: 950217249587

Category: Axial & Centrifugal Fans

Price: **$13.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/pva040f12n-q14-ab-foxconn-12vdc-40x40x20mm-4-wire-axial-fan

Product Description

The Foxconn PVA040F12N-Q14-AB is a compact Axial Fan engineered for high-density thermal management in constrained electronic environments. Utilizing advanced DC motor technology paired with a robust Double Ball Bearing architecture, this unit ensures exceptional longevity and reduced frictional coefficients, minimizing thermal impedance during continuous operation. The aerodynamic impeller design optimizes static pressure capabilities while maintaining acoustic stability, making it suitable for precision cooling. The structural rigidity of the 40mm frame supports reliable performance under varying mechanical stresses, ensuring consistent airflow delivery in critical industrial and IT infrastructure applications.

Model Number: PVA040F12N-Q14-AB
Brand: Foxconn
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Rated Current: 0.28 A
Power Consumption: 3.36 W
Bearing Type: Double Ball Bearing
Dimensions: 40 x 40 x 20 mm
Termination: 4-Wire / 4-Pin Connector
Speed Control: PWM / Tachometer Support

Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Mounting Type: Flange Mount
Cooling Method: Active Air Cooling
Application: Server / Industrial Equipment

The PVA040F12N-Q14-AB is engineered for high-performance cooling in compact electronic assemblies, specifically targeting 1U server racks and network appliances. This unit effectively dissipates heat in dense circuit configurations found in industrial automation systems and telecommunications equipment. By integrating the PVA040F12N-Q14-AB into small form factor chassis and embedded systems, operators ensure reliable thermal stability for sensitive components like chipsets and power supplies.

Supplemental Images