PVA080G12R-P02-AB Foxconn 12VDC 0.80A 80x80x25mm Axial Fan Datasheet

Brand: Foxconn

SKU: 1039534964073

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/pva080g12r-p02-ab-foxconn-12vdc-0-80a-80x80x25mm-axial-fan

Product Description

The Foxconn PVA080G12R-P02-AB is a high-performance DC brushless axial fan featuring a standard 80 x 80 x 25 mm square frame construction. Operating at a nominal 12 VDC with a 0.80 A current draw, this unit is engineered for high-density thermal management requiring significant static pressure and airflow. The internal mechanism utilizes a dual ball bearing system to ensure extended operational life and stability under continuous high-speed rotation. The fan is equipped with a 4-wire interface supporting PWM (Pulse Width Modulation) for precise speed control and a frequency generator (tachometer) output for real-time RPM monitoring. The housing and impeller are constructed from UL 94V-0 rated flame-retardant PBT plastic reinforced with glass fiber for structural integrity in high-temperature environments.

PVA080G12R-P02-AB Specifications
Model Number: PVA080G12R-P02-AB
Brand: Foxconn
Product Category: DC Brushless Axial Fan
Dimensions: 80 x 80 x 25 mm
Nominal Voltage: 12 VDC
Operating Voltage Range: 10.8 to 13.2 VDC
Rated Current: 0.80 A
Input Power: 9.6 W

Bearing Type: Dual Ball Bearing
Interface: 4-wire PWM
Connector Type: 5-pin proprietary server connector
Frame Material: PBT + 30% Glass Fiber (UL 94V-0)
Impeller Material: PBT + 30% Glass Fiber (UL 94V-0)
Speed Control: PWM Signal Input
Monitoring Output: Tachometer / Speed Sensor
Color: Black
Weight: 85 g
Safety Certifications: UL, CUL, TUV, CE

PVA080G12R-P02-AB Applications

Primary applications include integration into enterprise server chassis, high-performance workstation cooling arrays, and network switch thermal management systems. Deployed within industrial power supply units and telecommunications base station equipment to maintain optimal operating temperatures for high-wattage electronic components.

Supplemental Images