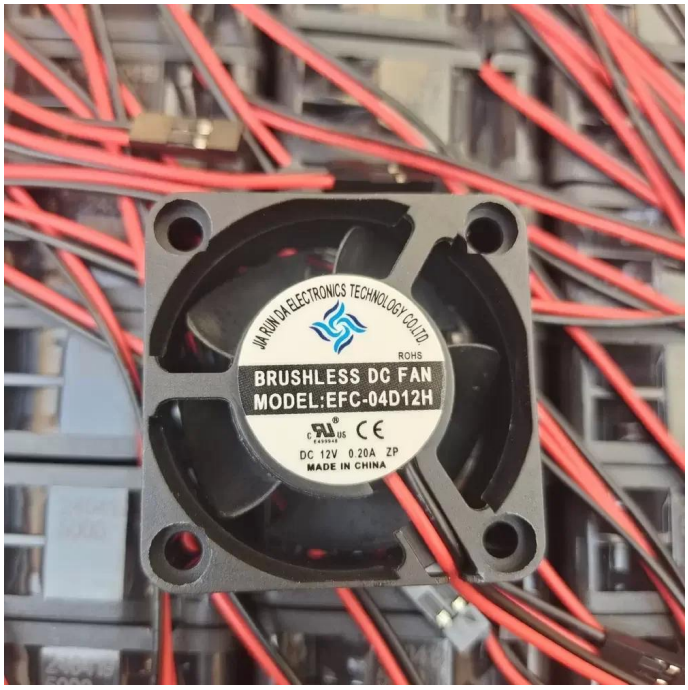
EFC-04D12H DWPH 12VDC 0.20A 40x40x20mm Axial Fan Datasheet



Brand: DWPH

SKU: 828917597759

Category: Axial & Centrifugal Fans

Price: **$9.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/efc-04d12h-dwph-12vdc-0-20a-40x40x20mm-axial-fan

Product Description

The DWPH EFC-04D12H is a precision-engineered DC Axial Fan designed for high-density thermal management applications requiring compact form factors and reliable performance. This unit utilizes a robust DC motor architecture integrated with a dual ball bearing system, ensuring exceptional longevity and reduced frictional coefficients during continuous operation. The aerodynamic impeller design optimizes airflow dynamics to deliver consistent static pressure while maintaining structural rigidity under high-speed rotation. Engineered with a 40x40x20mm chassis, the EFC-04D12H minimizes thermal impedance in restricted enclosures, making it an ideal solution for critical electronic cooling where reliability and efficiency are paramount.

Model Number: EFC-04D12H
Brand: DWPH
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Rated Current: 0.20A
Input Power: 2.40W
Rated Speed: 6500 RPM
Bearing Type: Dual Ball Bearing
Dimensions: 40x40x20mm
Termination: 2-Wire Leads

Housing Material: Thermoplastic PBT (UL94V-0)
Blade Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10°C to +70°C
Life Expectancy: 50,000 Hours @ 40°C
Mounting Type: Flange Mount

The EFC-04D12H is specifically engineered for compact electronic assemblies found in telecommunications and industrial automation sectors. Its 40mm footprint allows for seamless integration into 1U server racks, network switches, and power supply units where space is at a premium. Additionally, the EFC-04D12H serves as a critical component in medical instrumentation and CNC control modules, providing reliable forced air convection to dissipate heat from sensitive chipsets and power transistors, ensuring system stability during prolonged operation cycles.

Supplemental Images