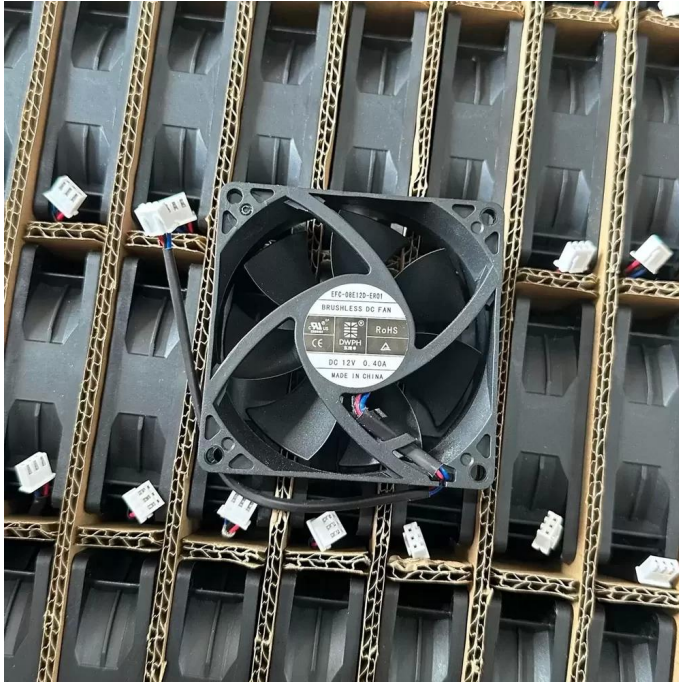


EFC-08E12D-ER01 DWPH 12VDC 80x80x25mm 0.40A Axial Fan Datasheet



Brand: DWPH

SKU: 979281902268

Category: Axial & Centrifugal Fans

Price: \$4.99

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/efc-08e12d-er01-dwph-12vdc-80x80x25mm-0-40a-axial-fan>

Product Description

The DWPH EFC-08E12D-ER01 is a high-efficiency Axial Fan engineered for demanding industrial thermal management applications. Utilizing a robust DC brushless motor architecture, this unit features a precision-machined Dual Ball Bearing system that ensures reduced frictional coefficients and extended operational longevity under continuous load. The aerodynamic impeller design optimizes static pressure capabilities while maintaining structural rigidity, making it suitable for high-impedance enclosures. The 3-wire interface facilitates active speed monitoring, ensuring critical component cooling within complex electronic assemblies.

Model Number: EFC-08E12D-ER01

Brand: DWPH (Dong Weifeng)

Product Type: Axial Fan

Rated Voltage: 12VDC

Voltage Range: 7.0 - 13.8 VDC

Rated Current: 0.40 A

Power: 4.80 W

Rated Speed: 4500 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 52.0 CFM (88.3 m³/h)

Max. Static Pressure: 6.8 mmH₂O (66.7 Pa)

Dimensions: 80x80x25mm

Weight: 86 g

Life Expectancy: 70,000 Hours @ 40°C

Termination: 3-Wire Lead

Housing Material: PBT (UL94V-0)

Blade Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

The EFC-08E12D-ER01 is specifically designed for integration into high-density electronic environments such as server rack chassis, industrial power supply units, and telecommunications equipment. Its compact 80mm form factor allows the EFC-08E12D-ER01 to fit seamlessly into restricted spaces while delivering the necessary airflow to dissipate heat from sensitive semiconductors and power regulators in automation control panels and medical instrumentation.

Supplemental Images

