

UDQFSEH12-NC Panasonic 5V DC Blower 50mm

SKU: UDQFSEH12-NC

Price: \$9.99

Categories: Fans

Tags: Panasonic

Product Link:

<https://www.electspares.com/product/udqfseh12-nc-panasonic-5v-dc-blower-50mm/>

Product Description

The Panasonic UDQFSEH12-NC is a compact DC Blower Fan (Centrifugal Blower) with dimensions of 50 x 50 x 10 mm. It operates on a nominal voltage of 5 VDC. The blower achieves a high speed of 7000 RPM, consuming 1.2 W of power and drawing a maximum current of 0.24 A. It delivers a maximum air flow of 10.2 m³/h (6.0 CFM) and a high maximum static pressure of 100.0 Pa (0.40 inAq). This fan utilizes a Superflo (Double Ball Bearing) system for extended service life of up to 80,000 hours and is designed for highly efficient, focused cooling in small server heatsinks and constrained electronic spaces.

UDQFSEH12-NC Fan Parameters

Model: UDQFSEH12-NC

Manufacturer: Panasonic

Type: MINI DC Blower Fan (Centrifugal Blower)

Dimensions (measuring): 50 x 50 x 10 mm

Nominal Voltage: 5 VDC

Voltage Range: 4.5 VDC ~ 5.5 VDC

Speed: 7000 RPM

Power Consumption: 1.2 W

Current Draw: 0.24 A

Max. Airflow: 10.2 m³/h (6.0 CFM)

Max. Static Pressure: 100.0 Pa (0.40 inAq)

Noise Level: 38.0 dB(A)

Weight: 0.020 kg

Housing Material: Thermoplastic (UL94V-0)

Impeller Material: Thermoplastic (UL94V-0)

Bearing Type: Superflo (Double Ball Bearing)

Motor Design: Brushless DC Motor

Motor Protection: Locked Rotor Protection

Termination: 2 Wire Leads

Service Life L10 at 40 °C: 80000 h

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

Application

The Panasonic UDQFSEH12-NC blower is specifically designed for high-density thermal solutions where component space is extremely limited and high static pressure is needed to force air through dense heat sinks. Primary applications for the UDQFSEH12-NC include focused CPU and GPU cooling in thin server blades, ultra-compact embedded systems, network switches, and other constrained electronic environments.

Product Images









Scan for product details:

