UDQFNLH03F Panasonic 5VDC 35x35x7mm Micro Fan Datasheet

Brand: Panasonic

SKU: 1006520807678

Category: Axial & Centrifugal Fans

Price: **$23.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page: https://www.equipspares.com/product/udqfnlh03f-panasonic-5vdc-35x35x7mm-micro-fan

Product Description

The Panasonic UDQFNLH03F is a specialized Micro Fan engineered for precision thermal management in compact electronic assemblies. Utilizing advanced DC brushless motor technology, this unit delivers consistent airflow while maintaining a minimal acoustic profile, essential for user-centric devices like laptops and portable workstations. The 3507 form factor is constructed with high-grade thermoplastic to ensure structural rigidity and reduced vibration during operation. Its aerodynamic impeller design optimizes static pressure within restricted enclosures, effectively mitigating thermal impedance in high-density circuitry. This component represents Panasonic's commitment to reliability and efficiency in miniature cooling solutions, ensuring optimal heat dissipation in space-constrained environments.

Model Number: UDQFNLH03F
Brand: Panasonic
Product Type: Micro Cooling Fan
Rated Voltage: 5VDC
Rated Current: 0.20 A
Power Consumption: 1.00 W
Dimensions: 35 x 35 x 7 mm
Frame Size Code: 3507
Motor Type: Brushless DC (BLDC)
Bearing Type: Precision Bearing System

Termination: Wire Leads / Connector
Housing Material: Thermoplastic (UL94V-0)
Application: Laptop/Notebook Cooling
Operating Voltage Range: 4.5 - 5.5 VDC (Typical)
Mounting Style: Flange / Screw Mount
Cooling Method: Active Airflow

The UDQFNLH03F is primarily deployed within the chassis of portable computing devices, specifically designed for notebook and laptop cooling subsystems. Its compact profile allows for seamless integration into slim form factors where vertical clearance is limited. Beyond consumer electronics, the UDQFNLH03F serves as a critical thermal solution in handheld medical diagnostic tools and compact telecommunications equipment, ensuring critical components remain within safe operating temperature ranges.

Supplemental Images