DFS400705PU0T FCN 5VDC 0.5A 40x40x7mm Blower Fan Datasheet

Brand: FCN

SKU: 737323929550

Category: Axial & Centrifugal Fans

Price: **$20.99**

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Product Page:
https://www.equipspares.com/product/dfs400705pu0t-fcn-5vdc-0-5a-40x40x7mm-blower-fan

Product Description

FCN DFS400705PU0T is a 5VDC 40x40x7mm centrifugal blower fan optimized for high-density thermal management in compact electronics. Engineered specifically as a replacement fan for the HP Thunderbolt Dock 120W G2 (HSN-IXO1), this unit features a highly efficient DC motor and an advanced aerodynamic impeller design to maximize airflow within restricted chassis environments. Utilizing a precision bearing architecture, it ensures low thermal impedance and high structural rigidity during continuous operation. The 4-wire configuration enables precise PWM speed control and tachometer feedback, allowing dynamic acoustic and thermal balancing. Operating at a rated current of 0.5A, this micro-blower delivers exceptional static pressure to overcome high system impedance in docking stations and ultra-small form factor enclosures.

Model Number: DFS400705PU0T
Brand: FCN
Product Type: Centrifugal Blower Fan
Rated Voltage: 5VDC
Rated Current: 0.5A
Power: 2.5W
Dimensions: 40x40x7mm
Termination: 4-Wire (PWM and Tachometer)
Motor Technology: DC Brushless

Compatibility: HP Thunderbolt Dock 120W G2 (HSN-IXO1)
Part Number Alias: FK6B

DFS400705PU0T Applications
1. HP Thunderbolt Docking Stations: Direct replacement fan for the HP 120W G2 (HSN-IXO1), providing exact mechanical fit and PWM-driven thermal regulation to prevent thermal throttling of high-bandwidth docking components.
2. Ultra-Compact Enclosures: Ideal for micro-chassis environments where the 7mm Z-height and centrifugal airflow physics effectively overcome high system impedance to exhaust localized heat.
3. Embedded Electronics: Delivers targeted lateral airflow for densely packed PCBs requiring active cooling without sacrificing vertical clearance, utilizing the 0.5A motor for rapid heat dissipation.

Supplemental Images