4010M12C-NF1 T&T 12VDC 0.16A 40x40x10mm Axial Fan Datasheet

Brand: T&T

SKU: 835994199853

Category: Axial & Centrifugal Fans

Price: **$14.99**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/4010m12c-nf1-tt-12vdc-0-16a-40x40x10mm-axial-fan

Product Description

The T&T 4010M12C-NF1 is a precision-engineered DC Axial Fan designed for compact thermal management solutions requiring reliable airflow in constrained spaces. Utilizing a robust 12VDC motor architecture, this unit integrates a Single Ball Bearing system to minimize frictional coefficients and extend operational longevity compared to standard sleeve alternatives. The aerodynamic impeller design is optimized to deliver a rotational speed of 5200 RPM, effectively reducing thermal impedance in high-density electronic assemblies. Constructed with structural rigidity in mind, the frame ensures stability during operation, making it an ideal component for maintaining optimal operating temperatures in sensitive industrial and consumer electronics.

Model Number: 4010M12C-NF1
Brand: T&T
Product Type: DC Axial Fan
Rated Voltage: 12VDC
Rated Current: 0.16 A
Power Consumption: 1.92 W
Rated Speed: 5200 RPM
Bearing Type: Single Ball Bearing
Dimensions: 40 x 40 x 10 mm
Termination: 3-Wire Lead

Wire Length: 90 - 180 mm
Wiring Configuration: Red (+), Black (-), Yellow (Signal/NC)
Housing Material: Thermoplastic
Blade Material: Thermoplastic
Mounting Style: Flange Mount
Direction of Rotation: Counter-Clockwise
Condition: New Surplus

The 4010M12C-NF1 is engineered for versatile deployment in compact electronic enclosures where space is at a premium but thermal dissipation cannot be compromised. Common integration points include chipset cooling in networking switches, hot-end cooling in 3D printing apparatus, and ventilation for DVR security systems. The 4010M12C-NF1 is also frequently utilized in small-scale power supply units and industrial control panels, ensuring critical components remain within safe thermal limits during continuous operation.

Supplemental Images