

KDE1205PHV2.MS.A.GN Sunon 12V DC Axial Fan 50mm

SKU: KDE1205PHV2.MS.A.GN

Price: \$9.99

Categories: Fans

Tags: SUNON

Product Link:

<https://www.electspares.com/product/kde1205phv2-ms-a-gn-sunon-12v-dc-axial-fan-50mm/>

Product Description

The Sunon KDE1205PHV2.MS.A.GN is an extreme-performance DC Axial Fan with dimensions of 50 x 50 x 15 mm. It operates on a nominal voltage of 12 VDC, drawing a maximum current of 0.90 A and consuming 10.8 W of power. This 7-blade fan operates across a wide performance range, delivering maximum airflow of 77.3 m³/h (45.5 CFM) at 37.5 dBA. It also offers an extremely quiet operating point at 4300 RPM/22 dBA/22.08 m³/h (13 CFM). It features Sunon's Vapo Bearing (MagLev technology) system and is suitable for high-static-pressure requirements in compact equipment.

KDE1205PHV2.MS.A.GN Fan Parameters

Model: KDE1205PHV2.MS.A.GN

Manufacturer: Sunon

Type: MINI DC Axial Fan

Dimensions (measuring): 50 x 50 x 15 mm

Nominal Voltage: 12 VDC

Voltage Range: 6 VDC ~ 13.8 VDC

Speed: 4300 RPM

Power Consumption : 10.8 W

Current Draw: 0.90 A

Max. Airflow: 77.3 m³/h (45.5 CFM)

Max. Static Pressure: 140.0 Pa (0.56 inAq)

Noise Level: 22 dB(A)

Weight: 38 g

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Number of Blades: 7

Bearing Type: Vapo Bearing (MagLev)

Motor Design: Brushless DC Motor

Motor Protection: Autorestart, Locked Rotor Protection

Termination: 2 Wire Leads

Monitor Output: No

Min. Ambient Temperature: -10 °C

Max. Ambient Temperature: 70 °C

Approvals: UL, TUV, CE

Application

The Sunon KDE1205PHV2.MS.A.GN fan is designed for extreme thermal management tasks requiring high static pressure capability in constrained 50 mm spaces. Primary applications include cooling high-end graphics cards (GPUs), concentrated heat sinks in compact industrial equipment, high-performance network storage, and server units where powerful and controllable airflow is mandatory.

Product Images



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