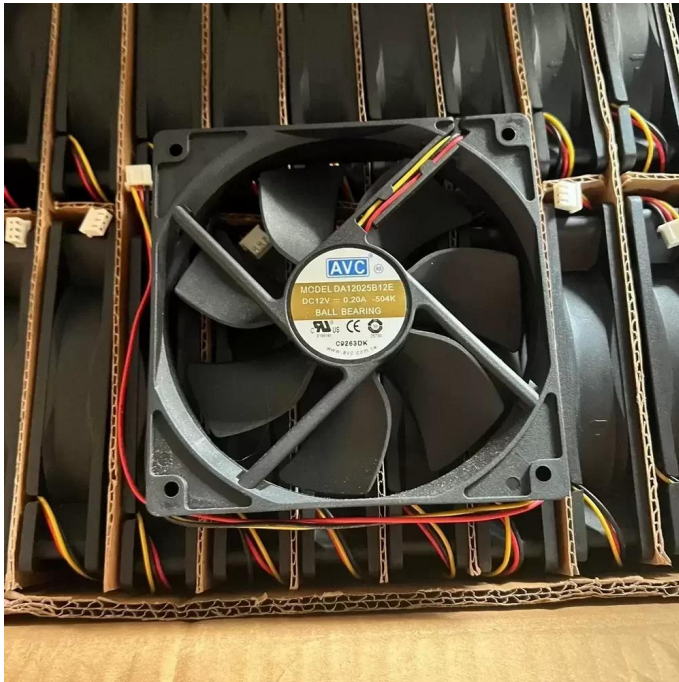


DA12025B12E-504K AVC 12VDC 120x120x25mm 3-Wire Axial Fan Datasheet



Brand: AVC

SKU: 905202084936

Category: Axial & Centrifugal Fans

Price: **\$11.99**

E-mail: sales@equipspares.com

Web: <https://www.equipspares.com>

Product Page:

<https://www.equipspares.com/product/da12025b12e-504k-avc-12vdc-120x120x25mm-3-wire-axial-fan>

Product Description

The AVC DA12025B12E-504K is a precision-engineered DC axial fan designed for optimal thermal management in high-density electronic enclosures and industrial chassis systems. Utilizing advanced motor technology and a durable double ball bearing architecture, this unit ensures sustained operational stability and reduced thermal impedance under continuous loads. The aerodynamic impeller design maximizes airflow efficiency while maintaining structural rigidity, effectively mitigating vibration-induced noise and turbulence. Engineered for reliability, the DA12025B12E-504K provides a robust cooling solution for critical industrial and computing applications requiring consistent heat dissipation performance and long-term durability.

Model Number: DA12025B12E-504K

Brand: AVC (Asia Vital Components)

Product Type: DC Axial Fan

Rated Voltage: 12 VDC

Voltage Range: 7.0 - 13.2 VDC

Rated Current: 0.20 A

Input Power: 2.40 W

Rated Speed: 2200 RPM

Bearing Type: Double Ball Bearing

Max. Air Flow: 68.5 CFM (116.3 m³/h)

Max. Static Pressure: 2.9 mmH₂O (28.4 Pa / 0.11 inH₂O)

Dimensions: 120 x 120 x 25 mm

Mounting Hole Distance: 105 x 105 mm

Weight: 150 g

Life Expectancy: 70,000 Hours at 40°C

Termination: 3-Wire Lead with Connector

Speed Control: Tachometer Output (Speed Sensor)

Noise Level: 34.0 dB(A)

Housing Material: Thermoplastic PBT (UL94V-0)

Impeller Material: Thermoplastic PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Storage Temperature: -40°C to +70°C

Ingress Protection: IP40

Certifications: CE, UL, TUV, RoHS

The DA12025B12E-504K is frequently deployed in server chassis environments, workstation towers, and industrial automation cabinets where reliable air exchange is mandatory. Its standard 120mm form factor allows for seamless integration into telecommunications racks, power supply units, and CNC control systems. By maintaining optimal operating temperatures, the DA12025B12E-504K protects sensitive components from thermal throttling and premature failure, making it an essential component for network-attached storage (NAS) devices and custom electronics builds requiring consistent, low-vibration airflow.

Supplemental Images

