BAAA1115R2U-P015 AVC 12VDC 1.0A 4-Pin AIO Blower Fan Datasheet

Brand: AVC

SKU: 1042326151425

Category: Axial & Centrifugal Fans

Price: **$18.14**

E-mail: sales@equipspares.com

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Product Page:
https://www.equipspares.com/product/baaa1115r2u-p015-avc-12vdc-1-0a-4-pin-aio-blower-fan

Product Description

AVC BAAA1115R2U-P015 70 mm centrifugal blower fan operates at a nominal 12 VDC and 1.0 A, delivering up to 12 W of cooling power. Constructed with a durable plastic and iron housing, this thermal management unit utilizes a high-precision hydraulic bearing system to ensure stable rotational dynamics and extended operational lifespan. The hardware interfaces via a standard 4-wire, 4-pin connector, enabling precise PWM speed control and tachometer feedback for dynamic thermal regulation. The internal blower architecture forces air at a 90-degree angle across integrated copper and aluminum heatsinks, maximizing static pressure and heat dissipation efficiency. The compact centrifugal design ensures optimal airflow routing within constrained physical footprints.

BAAA1115R2U-P015 Specifications
Model Number: BAAA1115R2U-P015
Brand: AVC (Asia Vital Components)
Product Category: Centrifugal Blower Fan
Nominal Voltage: 12 VDC
Rated Current: 1.0 A
Power Consumption: 12 W
Connector Type: 4-Wire, 4-Pin
Bearing Type: Hydraulic Bearing
Fan Size: 70 mm

Housing Material: Plastic / Iron
Heatsink Compatibility: Copper & Aluminum
Acoustic Profile: Low Noise
Control Method: PWM (Pulse Width Modulation)
Weight: 0.06 kg

BAAA1115R2U-P015 Applications

Primary applications include integration into Lenovo ThinkCentre All-In-One (AIO) desktop systems, specifically models such as the 300-20ISH, 510-23ISH, M900, and M910 series. Deployed within compact chassis environments, this centrifugal blower provides targeted active cooling for high-TDP processors and integrated graphics hardware. The unit is also utilized in industrial control panels, server thermal management modules, and custom small form factor (SFF) computing enclosures requiring high static pressure airflow.

Supplemental Images


Made in China
FRU P/N:00XD814
Compal
P/N:DC28000GDV0
Wistron
P/N:023.10042.0011
Rev:A