

R8025Y24BPCB2-7 KESD 24VDC 80x80x25mm DC Axial Fan Datasheet



SKU: [883140373673](#)

Category: Axial & Centrifugal Fans

Price: **\$8.99**

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Product Page:

<https://www.equipspares.com/product/r8025y24bpcb2-7-kesd-24vdc-80x80x25mm-dc-axial-fan>

Product Description

The KESD R8025Y24BPCB2-7 is a precision-engineered DC Axial Fan designed to deliver optimal thermal management in high-density electronic environments. Built upon a robust DC brushless motor platform, this unit ensures reduced electromagnetic interference and superior energy efficiency compared to standard AC alternatives. The internal bearing architecture is calibrated to minimize frictional coefficients, thereby enhancing structural rigidity and extending the mean time between failures (MTBF). Its aerodynamic impeller design maximizes static pressure capabilities while maintaining a balanced acoustic profile, making it suitable for continuous operation in critical hardware systems where thermal impedance must be strictly controlled.

Model Number: R8025Y24BPCB2-7

Brand: KESD

Product Type: DC Axial Fan

Rated Voltage: 24VDC

Rated Current: 0.34 A

Power Consumption: 8.16 W

Dimensions: 80 x 80 x 25 mm

Motor Technology: DC Brushless

Bearing Type: Ball Bearing

Housing Material: Thermoplastic PBT (UL94V-0)

Blade Material: Thermoplastic PBT (UL94V-0)

Termination: Lead Wires

Mounting Orientation: Any

Application: Computer Cooling, Electronic Enclosures

The R8025Y24BPCB2-7 is widely utilized in various computing and industrial applications, ranging from desktop workstation cooling to server rack ventilation. Engineers frequently deploy the R8025Y24BPCB2-7 in power supply units, CNC control cabinets, and telecommunication devices where reliable heat dissipation is essential to prevent component throttling and ensure system stability.