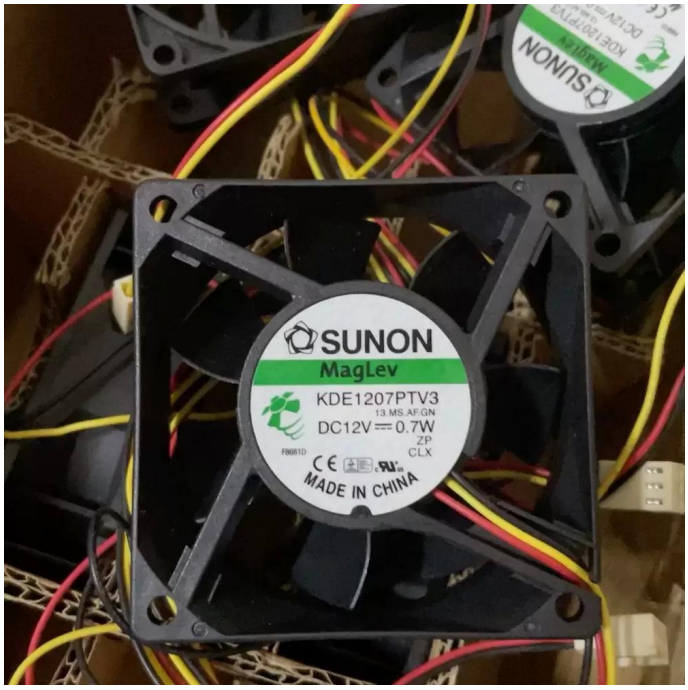
KDE1207PTV3.13.MS.AF.GN SUNON 12VDC 70x70x25mm Axial Fan Datasheet



Brand: SUNON

SKU: 894089515866

Category: Axial & Centrifugal Fans

Price: **$16.99**

E-mail: sales@equipspares.com

Web: https://www.equipspares.com

Product Page:
https://www.equipspares.com/product/kde1207ptv3-13-ms-af-gn-sunon-12vdc-70x70x25mm-axial-fan

Product Description

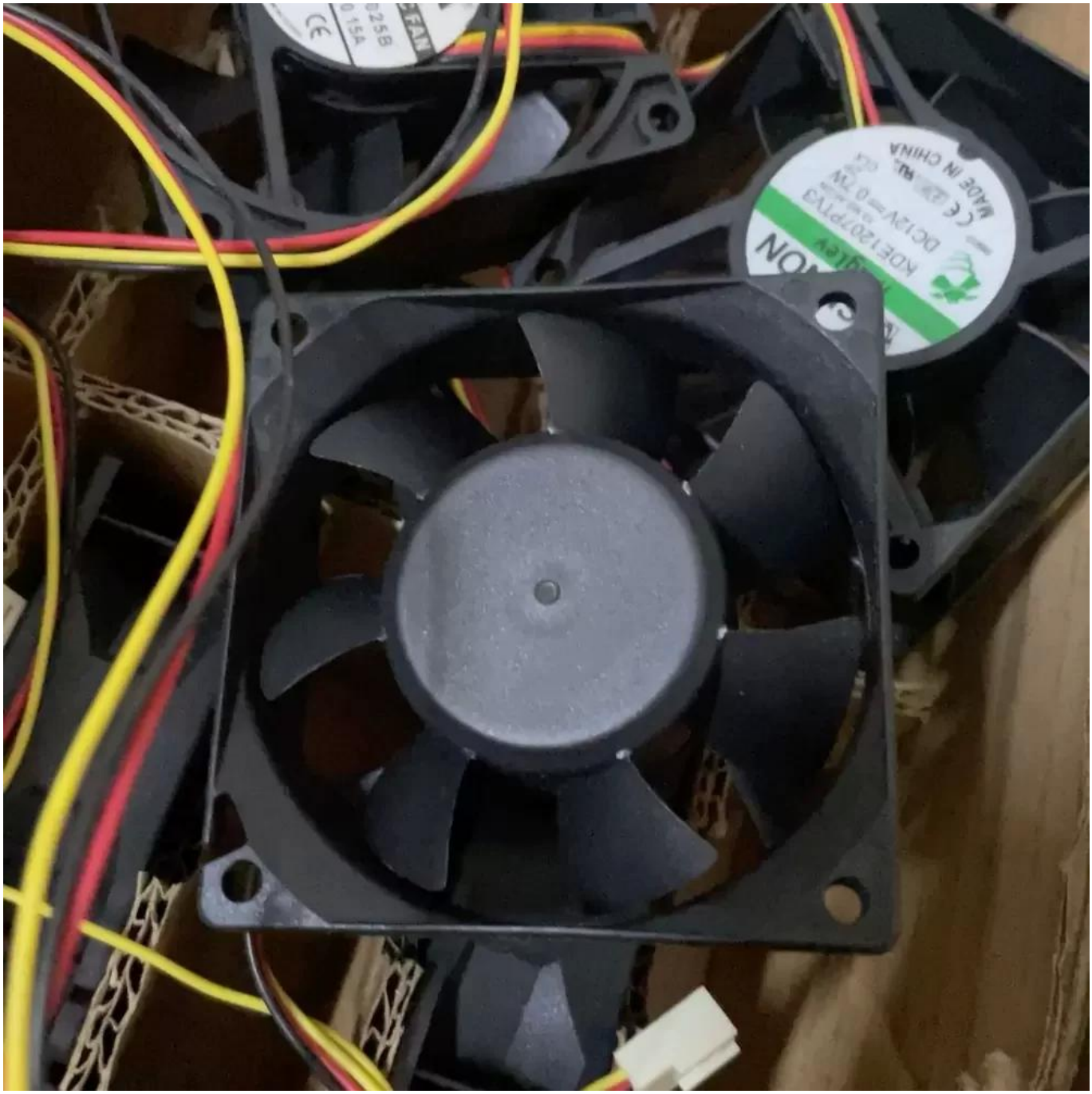
The SUNON KDE1207PTV3.13.MS.AF.GN is a precision-engineered DC Axial Fan designed for applications requiring reliable thermal management with minimal acoustic signature. Utilizing SUNON's proprietary MagLev (Magnetic Levitation) motor technology, this unit eliminates physical contact between the shaft and bearing during operation, significantly reducing friction and extending operational lifespan. The aerodynamic impeller design optimizes airflow while maintaining structural rigidity, ensuring consistent performance under varying static pressure conditions. This 70mm cooling solution features a 3-wire interface for speed monitoring, making it ideal for systems demanding active thermal feedback and low thermal impedance.

Model Number: KDE1207PTV3.13.MS.AF.GN
Brand: SUNON
Product Type: DC Axial Fan
Rated Voltage: 12 VDC
Voltage Range: 4.5 - 13.8 VDC
Power Consumption: 0.7 W
Rated Current: 0.058 A
Rated Speed: 2800 RPM
Bearing Type: MagLev (Vapo Bearing)
Max. Air Flow: 19.0 CFM (32.2 m^3/h / 0.54 m^3/min)

Max. Static Pressure: 0.09 inH_2O (2.29 mmH_2O / 22.4 Pa)
Noise Level: 26.0 dBA
Dimensions: 70 x 70 x 25 mm
Weight: 90 g
Termination: 3-Wire (Lead Wire)
Wire Gauge: 24 AWG
Frame Material: Thermoplastic PBT (UL94V-0)
Impeller Material: Thermoplastic PBT (UL94V-0)
Operating Temperature: -10 to +70 °C
Storage Temperature: -40 to +70 °C
Life Expectancy: 60,000 Hours at 40°C
Safety Certifications: UL, CUR, TUV
Features: Auto Restart, Locked Rotor Protection, Speed Sensor (Tachometer)

The KDE1207PTV3.13.MS.AF.GN is engineered for critical electronics cooling where reliability and noise suppression are paramount. Common deployment environments include compact server chassis, network switches, and telecommunications equipment requiring continuous operation. The fan is also frequently utilized in medical instrumentation and industrial automation control panels to maintain optimal operating temperatures for sensitive components. By integrating the KDE1207PTV3.13.MS.AF.GN, system integrators ensure efficient heat dissipation in power supply units and multimedia projectors, safeguarding hardware longevity through consistent airflow delivery.

Supplemental Images


MADE IN CHINA