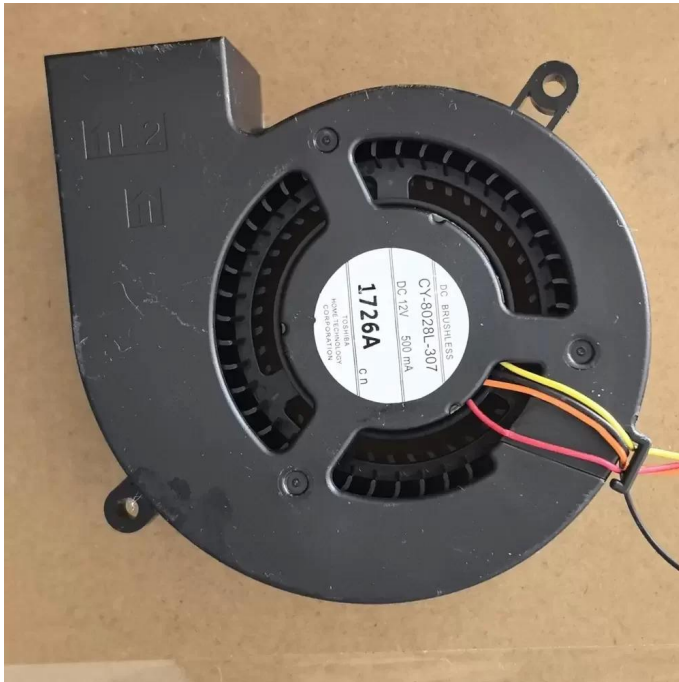


CY-8028L-307 Toshiba 12VDC 80x80x28mm 4-Wire Blower Fan Datasheet



Brand: Toshiba

SKU: 943894597034

Category: Axial & Centrifugal Fans

Price: \$16.99

E-mail: sales@equipspares.com

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

Product Page:

<https://www.equipspares.com/product/cy-8028l-307-toshiba-12vdc-80x80x28mm-4-wire-blower-fan>

Product Description

The Toshiba CY-8028L-307 is a precision-engineered Blower Fan designed for high-impedance thermal management applications. Utilizing advanced DC motor technology, this unit delivers concentrated airflow with exceptional static pressure capabilities, essential for overcoming the structural rigidity of dense projector housings and optical engines. The aerodynamic volute design optimizes air intake and exhaust efficiency, minimizing turbulence while maintaining thermal stability under heavy thermal loads. Engineered with a robust bearing architecture, typically dual ball bearing, it ensures longevity and consistent performance, making it a critical component for maintaining optimal operating temperatures in sensitive electronic equipment.

Model Number: CY-8028L-307

Brand: Toshiba

Product Type: Centrifugal Blower Fan

Rated Voltage: 12 VDC

Voltage Range: 10.2 - 13.8 VDC

Rated Current: 0.50 A

Power: 6.0 W

Rated Speed: 3800 RPM

Bearing Type: Dual Ball Bearing

Max. Air Flow: 18.5 CFM (31.4 m³/h / 0.52 m³/min)

Max. Static Pressure: 14.5 mmH₂O (142 Pa / 0.57 inH₂O)

Dimensions: 80 x 80 x 28 mm

Weight: 95 g

Life Expectancy: 50,000 Hours @ 40°C

Termination: 4-Wire Lead

Speed Control: PWM / Tachometer Output

Housing Material: PBT (UL94V-0)

Operating Temperature: -10°C to +70°C

Application: Projector Cooling

The CY-8028L-307 is primarily utilized in high-performance projection systems where concentrated cooling is required to dissipate heat from high-intensity lamp modules and optical engines. Its compact yet powerful design makes it suitable for integration into server racks, industrial automation control panels, and medical imaging devices requiring reliable forced air convection. The CY-8028L-307 ensures critical components remain within safe thermal limits, preventing system shutdowns and extending the operational lifespan of precision electronics in continuous-duty environments.

Supplemental Images

