



## Technical Data Sheet & Spec Summary

Compiled By: Apexon Technical Engineering Team

Date Compiled: May 21, 2024

### Product Identification

Manufacturer / Brand: SINOFUSE

Model / MPN: RSZ307-1-TMZ-N

Description: High-performance semiconductor protection fuse designed for high-power industrial applications. Engineered for DC power systems and power electronics, providing rapid short-circuit response and high breaking capacity for sensitive equipment protection.

### Technical Specifications

Model / MPN: RSZ307-1-TMZ-N

Manufacturer / Brand: SINOFUSE

Series: RSZ307

Rated Current: 500A

Rated Voltage: 250VDC

Breaking Capacity (I1): 50kA

Utilization Category: aR (Partial range semiconductor protection)

Resistance (20°C): 0.125mΩ

Standards: IEC60269, UL248

Certifications: cURus, TÜV, RoHS Compliant

Mounting Type: Blade / Bolt-on style



Disclaimer: This technical summary is compiled by Apexon Solutions LLC for reference and sourcing purposes only. While we strive for absolute accuracy, verify critical dimensions for specific applications. Independent distributor.