



3.5" SCSI Solid State Drive Extended Temperature

Operating Temperature Range: -40C to +85C



Model RRT-35SFA-LW-X 3.5" SCSI SSD

Offers solid state, drop-in replacement for 3.5" mechanical hard drives.

Provides a transparent interface from the SCSI bus to solid state drive.

Capacity of up to 120 GB in 3.5" form factor.

Ultra SCSI interface supports 8-bit narrow/16-bit wide, single ended SE/ low voltage differential LVD modes.

Red Rock Technologies' 3.5" SCSI SSD features:

- Ideal for extreme temperature, shock & vibration environments.
- Lower power consumption than mechanical hard drive equivalent.
- Fast, efficient field replacement.
- High density mass storage in 3.5" form factor.
- 35% lighter than standard 3.5" SCSI drive.
- Compatible with all CPU's with a SCSI controller.
- No additional software required.
- SCSI termination can be enabled within unit.
- SCSI ID selection 0 – 15.

SPECIFICATIONS

3.5" SCSI SSD Specifications

Capacity:	Up to 120 GB
Interface:	Ultra SCSI interface compatible with any SCSI controller. Supports wide/narrow and single ended (SE)/low voltage differential (LVD) modes.
Throughput, Continuous	37 MB/S, 37 MB/S.
Sector Size:	512 Bytes
Power: +5 VDC (+/- 5%)	0.7 A typical, 1.0 A Max.
Environment: Ambient Temperature Operating Non-operating	-40° to 85° C -40° to 85° C
Relative Humidity Operating Non-operating	8% to 95% 8% to 95%
Shock (operating and non-operating)	50g peak, MIL-STD-810F, Method 516.5 Procedure I
Vibration (operating and non-operating)	16.3 gRMS, MIL-STD-810F, Method 514.5, Procedure I.
Altitude Operating	80,000 feet
Reliability MTBF for base module MTBF for onboard SSD	Estimated 160,000+ hours @ 25° C Estimated 3,000,000 hours @ 25° C
Weight:	16 oz. Max.
Electrical Rating:	Designed to meet UL requirements.

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