LUXSHARE TECH
立讯技术

MiniSAS Cable Assembly

OVERVIEW

Luxshare-TECH MiniSAS is a cost effective solution and can supply all configuration of both 12 Gbps and 6 Gbps MiniSAS products up to 1 meter range. The solution mainstream solutions for SAS3.0.

MiniSAS cables can be widely applied in RAID (Redundant Array of Independent Disks), Workstations,Rack-mount server, Servers,Storage rack.

MiniSAS cable assemblies can be provided with 28AW G~32AWG discrete pairs and flat ribbon cable and is available in straight, right angle, right side-exit and left side-exit plug configurations to mate with board mount connectors.

FEATURES & BENEFITS

- Support cable to board application: 1.0mm PCB card thickness
- Multiple channels are optional: 4X/6X(36pos),8X/12X(68pos),more customized requirement available
- Small size design with great robustness : Pitch 0.8mm connector and max 25N wrenching test
- Excellent SI performance: Signal rates up to SAS 3.0 12Gbps
- Compatible with many different industry standards and SAS protocols
- Straight, right angle, side exit and customization cable plug are optional
- 85 ohm and 100 ohm impedances are optional
- 28-34AWG cables are available for both discrete and ribbon cable
- RoHS compliant. Halogen free is available on request

PRODUCT APPLICATIONS

DATA
Servers
RAID System
Storage Racks
HBA Interfaces

INDUSTRY STANDARDS

SFF-8086, SFF-8087
SAS 3.0(12Gbps)
PCIe 3.0

TECHNICAL INFORMATION

MATERIAL

Contact gold plated 30u''
Metal Latch，Plastic body

ELECTRICAL PERFORMANCE

Differential impedance: 85 & 100 ohm
Current : 0.5 A/contact
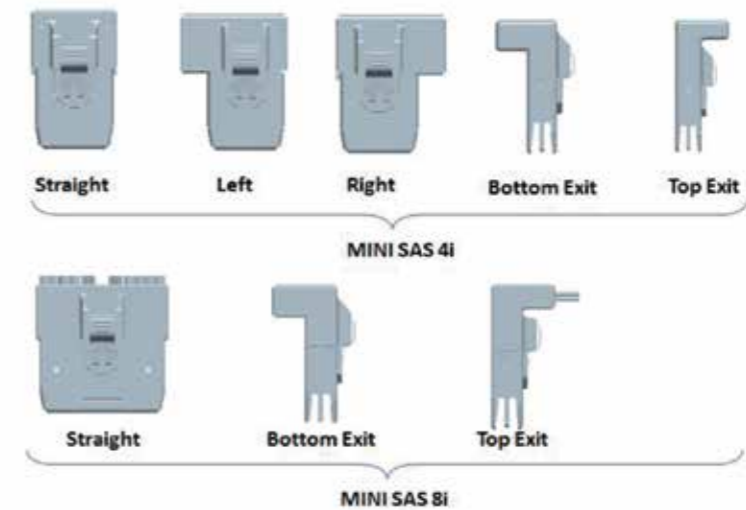Voltage: 30 V AC/contact

SPECIFICATION

ES-10-00-0018

MECHANICAL PERFORMANCE

Rated Durability Cycles 250
Latched Plug Retention Force 50 N minimum

ENVIRONMENTAL

Storage temperature range: -20℃ to +80℃
Operating temperature: 0℃ to +80℃
RoHS compliant

TYPES

Partial PN Table

Product Numbers	Product Description
LA0MSXXX-SD-R	Internal MiniSAS 4i Cable Assembly 1.0 m 30 AWG
LA0MSXXX-SD-R	Internal MiniSAS 8i Cable Assembly 1.0 m 30 AWG
LA0MSXXX-SD-R	Internal MiniSAS 4i Cable Assembly 0.7 m 32 AWG
LA0MSXXX-SD-R	Internal MiniSAS 8i Cable Assembly 0.7 m 32 AWG
LA0MSXXX-SD-R	Internal MiniSAS 4i Cable Assembly 0.5 m 34 AWG
LA0MSXXX-SD-R	Internal MiniSAS 8i Cable Assembly 0.5 m 34 AWG