

## SlimSAS Connector

### OVERVIEW

Luxshare-TECH SlimSAS connector is smaller than MiniSAS-HD connector, supports high data rate, meet SAS 4.0 (24Gbps) and PCIe 4.0 (16GT/s) .

Luxshare-TECH SlimSAS connector is a 0.60mm pitch interconnect system which offers excellent signal integrity performance over the standard MiniSAS-HD solutions.



### FEATURES & BENEFITS

- Small Form Factor saves space
- 38pin (4i) & 74pin (8i) options available
- Vertical and Right Angle types options available make design be more flexible
- Higher port density than MiniSAS-HD
- Supports SAS 4.0 (24Gbps) and PCIe 4.0 (16GT/s) could be used in high speed design

### PRODUCT APPLICATIONS

Data center & Networking Equipment  
Servers/Storage Devices  
Switches/Routers  
SAS HBA/RAID Controller Card

### INDUSTRY STANDARDS

SFF-8654

## TECHNICAL INFORMATION

### MATERIAL

Contact Base Metal: Copper Alloy  
Contact Area Finish: Gold over Nickel  
Solder Area Finish: Tin over Nickel  
Housing: High temperature thermoplastic(UL 94V-0)

### ELECTRICAL PERFORMANCE

Voltage: 30V AC maximum per contact  
Current: 0.5A MAX per contact

### ENVIRONMENTAL

Operating temperature : -40°C TO +85°C  
Non-operating Temperature : -55°C TO +85°C  
Storage temperature : -20°C TO +85°C

### MECHANICAL PERFORMANCE

Rated Durability Cycles: 250  
Mating Force: 0.55N/pin MAX  
Unmating Force: 0.47N/pin MIN

### PACKAGING

Tape & Reel

### SPECIFICATION

ES-11-00-0034  
ES-11-00-0035  
ES-11-00-0036  
ES-11-00-0037

### Partial PN Table

Product Numbers	Product Description
PSL060-3833-B01-1H	Vertical x4
PSL060-3843-T01-1H	Right Angle x4
PSL060-7433-B01-1H	Vertical x8
PSL060-7443-T01-1H	Right Angle x8