

## Low Profile SlimSAS Connector

### OVERVIEW

Low Profile SlimSAS Connector is designed for higher speed and smaller size solution in computing, storage and switch devices, it is used in application of 24Gb/s SAS signal, 16GT/s PCIe signal and UPI between CPUs. With 0.60 mm contact pitch, Low Profile SlimSAS solutions are smaller than standard slimsas and MiniSAS-HD to save space in end devices. Metal shell on receptacle and latch on plug to provide high reliable interconnection.



### FEATURES & BENEFITS

- ◆ 74pin (8i) with Vertical and Right angle type options
- ◆ Higher port density than MiniSAS-HD and smaller size than standard slimsas
- ◆ Mating height is only 13.4 mm in vertical type
- ◆ Board size is only 11.9 mm width in right angle type
- ◆ Supports SAS 4.0 (24Gbps), UPI 11.2(16GT/s) and PCIe 4.0 (16GT/s)

### PRODUCT APPLICATIONS

Servers  
Workstation  
Data Storage  
JBOD  
SAS HBA/RAID Controller Card

### INDUSTRY STANDARDS

SFF-8654

# Low Profile SlimSAS Connector

## 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 MAX  
Current: 0.5A MAX per contact  
Differential Impedance:  $85\Omega \pm 10\Omega$

### ENVIRONMENTAL

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

### Partial PN Table

Product Numbers	Product Description
PSL060-7463-B0A-1H	Vertical x8
PSL060-74B3-T0A-1H	Right Angle x8

### MECHANICAL PERFORMANCE

Rated Durability Cycles 250  
Mating Force: 0.42N/pin MAX  
Unmating Force: 0.32N/pin MIN

### PACKAGING

Tape & Reel

### SPECIFICATION

ES-11-00-0008