

# DDR5 SO-DIMM Connectors

## HIGH SPEED HIGH DENSITY SO-DIMM SOCKETS

DDR5 SO-DIMM connectors deliver high-speed and bandwidth. Being half the size of regular DIMMs, they lower power consumption and promote better thermal management. 262 positions SO-DIMM connector is available in 4.00mm height with standard option. Sketching design of DDR5 SO-DIMM 8.00mm height with standard option now.

- High density design of 0.50mm pitch saves board space
- High speed DDR5 digital validation
- Will provide different key positions that aid alignment
- SMT mechanical hold-downs
- Right angle orientation is available and sketching the design of vertical orientation for different customer preference
- Sketching the design of reverse options for both 4.00mm and 8.00mm height now



### TARGET MARKETS



### FEATURES

- 4.00mm, 8.00mm height offerings
- High density design of 0.50mm pitch
- LCP, Halogen-free, resin housing material
- Different key positions
- SMT mechanical hold-downs

### BENEFITS

- Accommodates different customer applications
- Saves board space
- Allows more transition channel for signal
- Withstands high temperature IR flow
- Helps to align connector and prevent mismatching
- Ensures co-planarity adjustment during mounting

## TECHNICAL INFORMATION

### MATERIAL

- LCP

### ELECTRICAL PERFORMANCE

- Data Rate (Mb/s): 3200/6400

### MECHANICAL PERFORMANCE

- Current Per Contact: 0.75A max.
- Voltage Rating: 1.1V max.

### ENVIRONMENTAL

- RoHS compliant
- Halogen-Free

### SPECIFICATIONS

- Product Specification: GS-12-1667

### PACKAGING

- Tape & Reel

### TARGET MARKETS/APPLICATIONS



Servers  
Workstations



Desktop PCs  
Notebook PCs



Routers  
Switches  
Base Stations



Embedded systems

## PART NUMBERS

Description	Pitch (mm)	Height (mm)	Orientation	Part Numbers
DDR5 SO-DIMM Right Angle	0.50	4.00	Standard	10155967*

\*Denotes base part number. Please contact Amphenol ICC for complete part numbers.