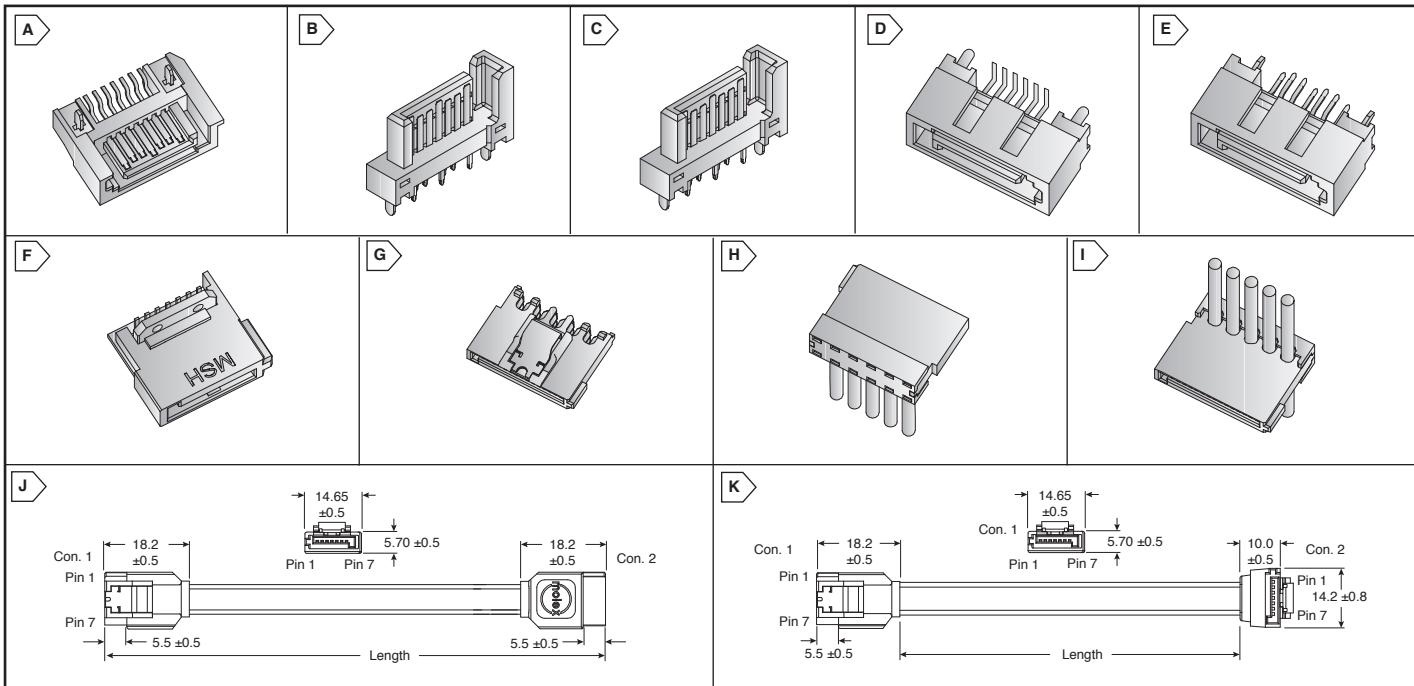


# MOLEX Serial ATA Connectors and Cable Assemblies

DIMENSIONS: mm



## SERIAL ATA CONNECTORS

Along with the digital revolution, the ability to create, store and distribute vast amounts of music data and games is continually driving demand for higher speed, higher capacity storage drives with increasingly smaller form factors. This has opened up new storage applications for Serial ATA as hard disk drives are increasingly being designed into a growing number of HDD-DVD recorders, home servers, multimedia hubs, LCD TVs, digital jukeboxes, HDD-enabled game consoles, audio players and automobile audio visual products.

Locking latches for signal cables have recently been approved by the Serial ATA Working Group. Positive locking latches ensure cables will stay connected. Latching cable receptacles come in both straight and right angle versions. This ensures an easy transition when converting existing designs from Parallel ATA to Serial ATA.

### Features:

- First-mate/last-break contacts support hot plugging
- Lead-free product

### Specifications:

- Current: 1.5A max.
- Voltage: 15V max.
- Withstanding Voltage: 500V AC



RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Pos.	Style	Contact Plating	Pitch	Description	Price Each		
								1	10	25
Mates with 67489 Series										
538-47080-4005	47080-4005	A	7	Right-Angle	15μ" Gold	1.27mm (.050")	SMT Signal Plug, Peg and Locking Latch with solder tab			
538-67490-1225	67490-1225	A	7	Right-Angle	15μ" Gold	1.27mm (.050")	SMT Signal Plug, Peg and Locking Latch with beveled metal pin			
538-67491-0022	67491-0022	B	7	Vertical	15μ" Gold	1.27mm (.050")	High Speed Header, 2.05mm PC Tail Length, thermoplastic housing			
538-67491-1032	67491-1032	C	7	Vertical	15μ" Gold	1.27mm (.050")	Hi Spd Header, 2.05mm PC Tail Lgth, PBT Polyester, glass-filled housing			
538-67800-5005	67800-5005	D	7	Vertical	15μ" Gold	1.27mm (.050")	SMT High Speed Header, PCB Locator Pegs			
538-67800-8005	67800-8005	E	7	Vertical	15μ" Gold	1.27mm (.050")	High Speed Header, 2.45mm PC Tail Length			
Mates with 47080, 67490, 67491, 67800 Series										
538-67489-1005	67489-1005	F	7	Right-Angle	15μ" Gold	1.27mm (.050")	Signal Connector without Latch			
538-67489-8005	67489-8005	F	7	Vertical	15μ" Gold	1.27mm (.050")	Signal Connector without Latch			
Use with 67926-0040 and 67926-0041; 18 AWG Wire Size										
538-67926-0001	67926-0001	G	5	Right-Angle	Gold Flash	3.81mm (.150")	IDT Power Receptacle with Latch, without Bump			
538-67926-0011	67926-0011	G	5	Right-Angle	Gold Flash	3.81mm (.150")	IDT Power Receptacle with Bump, without Latch			

Covers: Use with 67926-0001 and 67926-0011

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	No. of Positions	Description	Price Each		
					1	10	25
<a href="#">538-67926-0040</a>	67926-0040	H	5	Cover for Serial ATA IDT Power Receptacle, Feed-To Type			
<a href="#">538-67926-0041</a>	67926-0041	I	5	Cover for Serial ATA IDT Power Receptacle, Feed-Through Type			

## SERIAL ATA CABLE ASSEMBLIES

Locking latches for signal cables have recently been approved by the Serial ATA Working Group. Positive locking latches ensure cables will stay connected.

### Features:

- High speed data transfer. Generation 2 (300 MBps)
- Device can be hot swapped without shutting down or restarting the system.
- Plug and Play under Windows® 98 Second Edition, Windows® Me, Windows® 2000 and Windows® XP.
- Built-in RAID support.
- User-friendly latch provides secure mating.

### Specifications:

- Wire Size: 26 AWG
- Contact: Copper (Cu) Alloy
- Plating Contact: 0.76μm (30μ") Gold (Au)
- Color: Red
- Current: 1.5A max.
- Voltage: 40V max



RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	Molex Part No.	Fig.	Length (meter)	Pitch	Description	Price Each		
						1	10	25
<a href="#">538-68561-0014</a>	68561-0014	J	0.5	1.27mm (.050")	Serial ATA Straight Latching to Straight Latching Signal Cable			
<a href="#">538-68561-0015</a>	68561-0015	J	1.0	1.27mm (.050")	Serial ATA Straight Latching to Straight Latching Signal Cable			
<a href="#">538-68561-0016</a>	68561-0016	K	0.5	1.27mm (.050")	Serial ATA Straight Latching to Right Angle Latching Signal Cable			
<a href="#">538-68561-0017</a>	68561-0017	K	1.0	1.27mm (.050")	Serial ATA Straight Latching to Right Angle Latching Signal Cable			