

3M™ SAS / SATA Connectors and Cable Assemblies



This product is RoHS compliant.

MINI SERIAL ATTACHED SCSI (MINISAS) CONNECTORS - .8MM

Features:

- 6 Gb/s input/output connector for server applications
- Meets SFF-8086 Specification
- Meets SAS Specification, SAS-1.1
- RoHS Compliant per 3M™ documentation

Specifications:

- Material: High Temperature Thermoplastic
- Current Rating: Per Contact: 0.5A
- Insulation Resistance: 10⁹ MΩ min



RoHS Compliant

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	Description	Type	Plating	Price Each			
						1	25	50	100
517-8A26-2030-LJ	8A26-2030-LJ	A	26P Receptacle	Right Angle, Surface Mount	30μ" Gold	4.65	4.02	3.62	3.26
517-8C26-14000	8C26-14000	A	26P External EMI Cage	1 X 1, Key 4	30μ" Nickel	3.55	3.13	2.75	2.53
517-8C26-24400	8C26-24400	A	26P External EMI Cage	1 X 2, Key 4 & 4	30μ" Nickel	4.91	4.34	3.80	3.49
517-8A36-1030-LJ	8A36-1030-LJ	B	36P Receptacle	Vertical, Surface Mount	30μ" Gold	4.91	4.23	3.77	3.39
517-8B36-1420	8B36-1420	B	36P Internal Shell	Vertical, Dual Key, Thru Hole	30μ" Gold	.80	.75	.64	.59
517-8A36-2030-LJ	8A36-2030-LJ	C	36P Receptacle	Right Angle, Surface Mount	30μ" Gold	4.91	4.24	3.79	3.42
517-8B36-2411	8B36-2411	C	36P Internal Shell	Right Angle, Dual Key, Press Fit	30μ" Gold	.80	.75	.64	.59
517-8B36-2421	8B36-2421	C	36P Internal Shell	Right Angle, Dual Key, Thru Hole	30μ" Gold	.80	.75	.64	.59
517-8AB36-1420-LJ	8AB36-1420-LJ	-	Combo Receptacle	Vertical, Dual Key, Thru Hole	30μ" Gold	5.18	4.97	4.55	4.14
517-8AB36-2421-LJ	8AB36-2421-LJ	-	Combo Receptacle	Right Angle, Dual Key, Thru Hole	30μ" Gold	5.18	4.97	4.55	4.14

SERIAL ATTACHED SCSI (SAS) CONNECTORS - 1.27MM

Features:

- Up to 300 MB/sec (3.0Gbs) data transfer rates, 2x(6.0 Gbs) and 4x(12.0Bxg) Roadmap
- EMLB for Hot Swap Requirements
- Backward compatible with existing SCSI software
- Polarization and alignment guides for Blind Mate requirements
- Meets SFF-8482 Specification and SAS Specifications, SAS-1.1
- RoHS Compliant per 3M™ documentation

Specifications:

- 1600mV Low Voltage Signal
- Material: High Temperature Thermoplastic
- Flammability: UL 94V-0
- Current Rating: Power Pin- 1.5A; Signal Pin- 500mA
- Withstanding Voltage: 500VAC at sea level
- Operating Temperature: 0°C to +55°C



RoHS Compliant

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	Description	Type	Plating	Price Each			
						1	25	50	100
517-SBH-ST-29-SA-ML	SBH-ST-29-SA-ML	D	Straddlemount Right Angle Plug	Thru-Hole	30μ" Gold	1.77	1.49	1.43	1.32
517-SBH-ST-29-SM-ML	SBH-ST-29-SM-ML	E	Vertical Plug	Surface Mount	30μ" Gold	3.14	2.64	2.53	2.34

29 Position Receptacles

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	Description	Type	Plating	Price Each			
						1	25	50	100
517-SBR-EV-29-P-ML	SBR-EV-29-P-ML	F	Elevated Vertical Receptacle	Thru-Hole	30μ" Gold	3.14	2.64	2.53	2.34
517-SBR-ST-29-P-ML	SBR-ST-29-P-ML	F	Press-fit Vertical Receptacle	Thru-Hole	30μ" Gold	3.17	2.64	2.57	2.36
517-SBR-RA-29-S-ML	SBR-RA-29-S-ML	G	Boardmount Right Angle Receptacle	Thru-Hole	30μ" Gold	3.14	2.64	2.53	2.34

SERIAL ATA (SATA) CONNECTORS - 1.27MM

Features:

- Created for Hard Disk Drive (HDD) Storage Interface
- Up to 300 MB/sec (3.0 Gbs) Data Transfer Rates
- EMLB for Hot Swap Requirements
- Backward compatible with existing ATA software
- Polarization and Alignment Guides for Blind Mate Requirements
- Meets SATA Specification 1.0a
- RoHS Compliant per 3M™ documentation

Specifications:

- 250 mV Low Voltage Signal
- Serialized, Differential pair Signal
- Material: High Temperature Thermoplastic
- Flammability: UL 94V-0
- Current Rating: 1.5A
- Withstanding Voltage: 500VAC at sea level

- Operating Temperature: 0°C to +55°C



RoHS Compliant

For quantities of 200 and up, call for quote.

7 Position Plugs

MOUSER STOCK NO.	3M Part No.	Fig.	Description	Type	Plating	Price Each			
						1	25	50	100
517-5607-4200-SH	5607-4200-SH	H	Right Angle Signal Plug	Surface Mount	Gold Flash	.59	.46	.40	.33
517-5607-5102-SH	5607-5102-SH	H	Boardmount PTH Vertical	Thru-Hole	Gold Flash	.55	.41	.33	.30

22 Position Plugs

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	Description	Type	Plating	Price Each			
						1	25	50	100
517-5622-4100-ML	5622-4100-ML	I	Right Angle Device Plug	Thru-Hole	30μ" Gold	2.26	1.74	1.53	1.22
517-5622-6309-ML	5622-6309-ML	I	Straddlemount	Thru-Hole	30μ" Gold	2.16	1.43	1.14	1.08

22 Position Receptacles

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	Description	Type	Plating	Price Each			
						1	25	50	100
517-5622-1200-ML	5622-1200-ML	J	Right Angle Host Receptacle	Surface Mount	30μ" Gold	2.44	1.87	1.67	1.31
517-5622-2103-ML	5622-2103-ML	J	Vertical Host Receptacle Elevated	Thru-Hole	30μ" Gold	2.35	1.79	1.57	1.30
517-5622-2603-ML	5622-2603-ML	J	Vertical Pressfit Elevated	Thru-Hole	30μ" Gold	2.44	1.88	1.67	1.34

SERIAL ATA (SATA) POWER CABLE ASSEMBLY

Features:

- Rugged over-molded construction provided in standard lengths
- Supports 3.3V, 5V or 12V applications
- "Y" type supports multiple devices
- Meets SATA Specification 1.0a
- RoHS Compliant per 3M™ documentation

Specifications:

- Material: High Temperature Thermoplastic
- Flammability: UL 94V-0
- Current Rating: 4.5A
- Withstanding Voltage: 100V
- Operating Temperature: 0°C to +55°C



RoHS Compliant

For quantities of 50 and up, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	Description	Cable Length: in (mm)	Price Each			
					1	5	25	
517-5601-22-127-200	5601-22-127-200	K	15 Position "Y" Configuration Molded Cable	8 (203.2)	4.53	4.18	3.51	3.30

