

3M™ SAS / SATA Connectors and Cable Assemblies



RoHS Compliant 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:

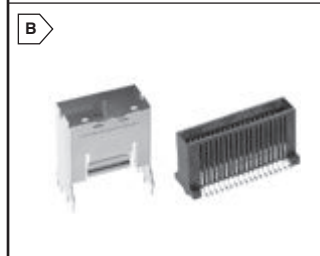
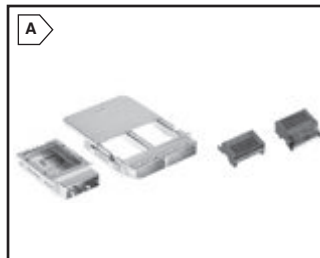
- Material: High Temperature Thermoplastic
- Current Rating: Per Contact: 0.5A
- Insulation Resistance: 10³ MΩ min



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	4.15	4.09	3.68	3.32
517-8B36-1420	8B36-1420	B	36P Internal Shell	Vertical, Dual Key, Thru Hole	30μ" Gold	.69	.58	.53	.52
517-8B36-2411	8B36-2411	C	36P Internal Shell	Right Angle, Dual Key, Press Fit	30μ" Gold	.69	.58	.53	.52
517-8B36-2421	8B36-2421	C	36P Internal Shell	Right Angle, Dual Key, Thru Hole	30μ" Gold	.69	.58	.53	.52
517-8AB36-1420-LJ	8AB36-1420-LJ	-	Combo Receptacle	Vertical, Dual Key, Thru Hole	30μ" Gold	4.39	3.69	3.40	3.33



SERIAL ATTACHED SCSI (SAS) CONNECTORS - 1.27MM

Features:

- Up to 300 MB/sec (3.0Gbs) data transfer rates, 2x(6.0 Gbs) and 4x(12.0Gbs) 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:

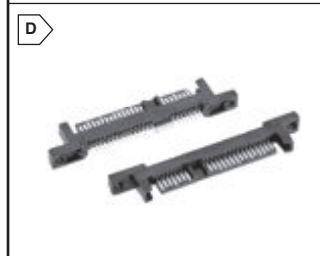
- 1600mV Low Voltage Signal
- Material: High Temperature Thermoplastic
- Flammability: UL 94V-0
- Current Rating: Power Pin- 1.5A; Signal Pin- 500mA
- Withstanding Voltage: 500VAC at sea level
- Operating Temperature: 0°C to +55°C



RoHS Compliant

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MOUSER STOCK NO.	3M Part No.	Fig.	Description	Type	Plating	Price Each			
						1	25	50	100
517-SBH-ST-29-SM-ML	SBH-ST-29-SM-ML	D	Vertical Plug	Surface Mount	30μ" Gold	2.69	2.57	2.47	2.38



29 Position Plugs

29 Position Receptacles

MOUSER STOCK NO.	3M Part No.	Fig.	Description	Type	Plating	Price Each			
						1	25	50	100
517-SBR-ST-29-P-ML	SBR-ST-29-P-ML	E	Press-fit Vertical Receptacle	Thru-Hole	30μ" Gold	2.69	2.57	2.49	2.40



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.

MOUSER STOCK NO.	3M Part No.	Fig.	Description	Type	Plating	Price Each			
						1	25	50	100
517-5607-4200-SH	5607-4200-SH	F	Right Angle Signal Plug	Surface Mount	Gold Flash	.45	.41	.38	.32
517-5607-5102-SH	5607-5102-SH	F	Boardmount PTH Vertical	Thru-Hole	Gold Flash	.50	.42	.33	.30



7 Position Plugs

22 Position Plugs

MOUSER STOCK NO.	3M Part No.	Fig.	Description	Type	Plating	Price Each			
						1	25	50	100
517-5622-4100-ML	5622-4100-ML	G	Right Angle Device Plug	Thru-Hole	30μ" Gold	1.79	1.78	1.56	1.25
517-5622-6309-ML	5622-6309-ML	G	Straddlemount	Thru-Hole	30μ" Gold	1.52	1.28	1.18	1.14

