

# 3M™ I/O Connectors



RoHS Compliant This page of product is compliant.

## 2.0MM I/O INTERCONNECT SYSTEM FOR IEEE1394

### Features:

- Up to 6 Amps per connector: 6 contacts can carry signal or power (up to 1 ampere per pin)
- 360° Shielding for excellent EMI protection
- Polarized to provide proper insertion
- RoHS Compliant per 3M documentation

### Specifications:

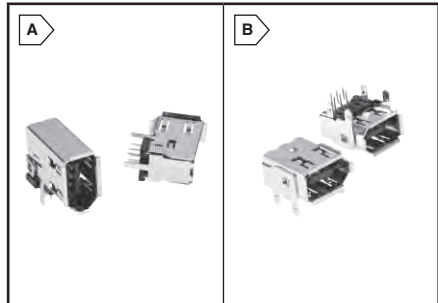
- Current Rating: 1A per pin
- Voltage Rating: 150V (AC)/200V (DC)
- Insulation Resistance: > 5 x 108Ω at @ 500V (DC)
- Withstanding Voltage: 500V RMS for 1 minute
- Temperature Rating: -55°C to +85°C
- Vibration resistant



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	Gender	Description	Price Each			
					1	25	50	100
<b>Boardmount</b>								
517-3E106-2220KV	3E106-2220KV	A	Plug	Right Angle, Upright, Through Hole, Straight Tabs	2.61	2.21	2.13	2.06
517-3E106-2230KV	3E106-2230KV	A	Plug	Right Angle, Upright, Through Hole, Kinked Tabs	2.67	2.26	2.18	2.11
517-3E106-0220KV	3E106-0220KV	B	Plug	Right Angle, Horizontal, Through Hole, Straight Tabs	2.77	2.34	2.26	2.18
<b>Wiremount</b>								
517-3E206-0100KV	3E206-0100KV	C	Receptacle	Accommodates up to 18 AWG Wire	5.02	4.24	4.10	3.97



## SHIELDED COMPACT RIBBON (SCR) I/O CONNECTORS

### Features:

- Up to 10 Amps per connector: 10 contacts can carry signal or power (up to 1 ampere per pin)
- 360° Shielding for excellent EMI protection
- Polarized to provide proper insertion
- RoHS Compliant per 3M documentation

### Specifications:

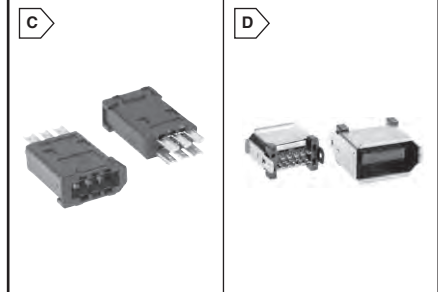
- Current Rating: 1A per pin
- Voltage Rating: 150V (AC)/200V (DC)
- Insulation Resistance: > 5 x 108Ω at @ 500V (DC)
- Withstanding Voltage: 500V RMS for 1 minute
- Temperature Rating: -55°C to +85°C



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	Gender	Description	Price Each			
					1	25	50	100
<b>Wiremount</b>								
517-36110-3000-FD	36110-3000FD	D	Plug	Accommodates up to 22 AWG Wire	4.60	4.49	4.33	4.21
517-36210-0100-FD	36210-0100FD	E	Receptacle	Plating-0.2µm min gold, 2µm Sn solder tail	3.64	3.06	2.91	2.82
517-36210-0100-PL	36210-0100PL	E	Receptacle	Plating-0.2µm min gold, Gold Flash tail	3.74	3.15	3.00	2.90
<b>Shell Kits</b>								
517-36310-3200-008	36310-3200-008	F	---	Shell Kit for Wiremount Plug	7.38	6.21	5.91	5.72
517-36310-F200-008	36310-F200-008	G	---	Shell Kit for Wiremount Receptacle	8.22	6.91	6.58	6.37



Data/Network/Telecom

## MINI CAMERA LINK™ (SDR) CONNECTORS 0.80mm Receptacles

### Features:

- Wiper on wiper contact for reliable repetitive mating
- Ground lock for reliable PCB retention
- Full metal face for better EMI shielding effectiveness
- On-board jacksockets maintains a secure connection
- RoHS Compliant per 3M documentation

### Specifications:

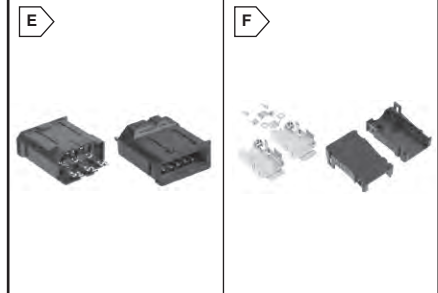
- 30µ" Gold Plating
- Color: Black
- Contact Material: Phosphor Bronze
- Current Rating: 0.5A
- Temperature Rating: -40°C to +70°C



RoHS Compliant

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	No. of Contacts	Style	Type	Price Each			
						1	25	50	100
517-12214-115000FR	12214-1150-00FR	H	14	Vertical	Thru-Hole	7.53	6.33	5.86	5.68
517-12226-115000FR	12226-1150-00FR	H	26	Vertical	Thru-Hole	7.88	6.65	6.36	5.86
517-12226-515000FR	12226-5150-00FR	I	26	Right Angle	Thru-Hole	7.89	7.50	6.91	6.73
517-12250-515000FR	12250-5150-00FR	J	50	Right Angle	Thru-Hole	9.99	9.98	9.40	9.27
517-12226-825000FR	12226-8250-00FR	L	26	Right Angle	Surface Mount	10.91	9.17	8.50	8.28



## MINI SERIAL ATTACHED SCSI (MINISAS) CABLE ASSEMBLIES

### Features:

- Exceeds the 6Gbps performance standard designated by SAS 2.0 requirements
- Bends in multiple locations with a bend radius as low as 1 mm and still meet SAS 2.0 performance criteria

- Available with or without sidebands
- Available with silver or tin plated signal conductors and solid polyolefin dielectric
- RoHS compliant and halogen-free

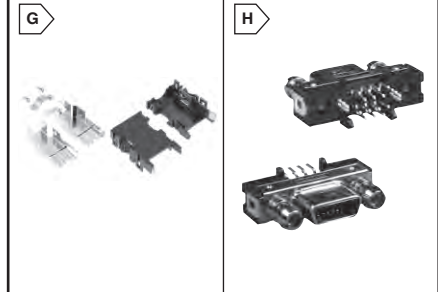


RoHS Compliant



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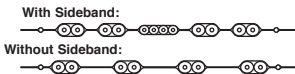
MOUSER STOCK NO.	3M Part No.	Fig.	No. of Pos.	Description	Length	Price Each			
						1	25	50	100
517-8F36-AAC305-0.50	8F36-AAC305-0.50	K	36	4-Lane with Sidebands, SN-Plated Signal	0.5	12.05	11.48	10.79	9.64
517-8F36-AAA105-0.50	8F36-AAA105-0.50	K	36	4-Lane (No Sidebands), SN-Plated Signal	0.5	12.05	11.48	10.79	9.64



## TWIN AXIAL CABLE

### Features:

- 100Ohm differential pairs
- Four pairs with and without sidebands
- Solid polyolefin insulation
- .88 mm thick
- The cable is UL AWM 21008 (150V, 80C); file number E42769
- Halogen free

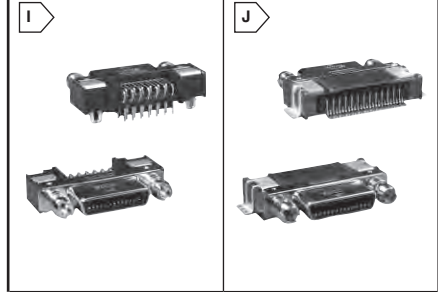


RoHS Compliant



Cut Length 500' Reels

3M Part No.	Description	MOUSER STOCK NO.	Price Per Foot	MOUSER STOCK NO.	Price Per Reel
SL8802/08-211N5-00	4PR, 2 GND, Sn	517-SL880208211NCUT	1.04	517-SL880208211N500	401.59
SL8802/08-201N5-00	4PR, 2 GND, Ag	517-SL880208201NCUT	1.34	-----	-----
SL8801/12-111A5-00	4PR, with 4 Sideband, Sn	517-SL880112111ACUT	1.14	517-SL880112111A500	439.92
SL8801/12-101A5-00	4PR, with 4 Sideband, Ag	517-SL880112101ACUT	1.44	-----	-----



## SATA CABLE ASSEMBLIES



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	3M Part No.	Fig.	Description	Length	Price Each			
					1	25	50	100
517-5602-44-0142A500	5602-44-0142A-500	L	7P Female 180° Black PBT 30GF, 15°AU w/ Latch	500	3.23	2.05	1.90	1.48
517-5602-44-0142A600	5602-44-0142A-600	L	7P Female 180° Black PBT 30GF, 15°AU w/ Latch	600	3.38	2.10	1.99	1.55
517-5602-44-0142A700	5602-44-0142A-700	L	7P Female 180° Black PBT 30GF, 15°AU w/ Latch	700	3.50	2.86	2.07	1.61
517-5602-44-0142A800	5602-44-0142A-800	L	7P Female 180° Black PBT 30GF, 15°AU w/ Latch	800	3.62	2.26	2.14	1.66
517-5602-44-0142A900	5602-44-0142A-900	L	7P Female 180° Black PBT 30GF, 15°AU w/ Latch	900	3.74	3.02	2.21	1.72
517-5602-44-0142A000	5602-44-0142A-000	L	7P Female 180° Black PBT 30GF, 15°AU w/ Latch	1000	3.86	3.32	2.28	1.77

