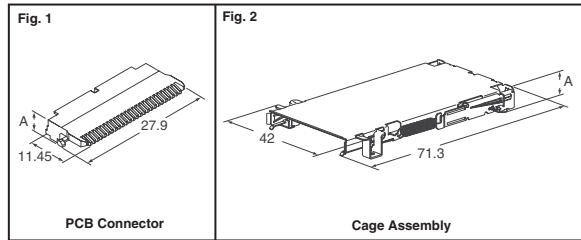




ExpressCard™ PX10 and PX11 Series



Features: • Conforms to Express Card Standard • Card Push-push eject structure for cards • Assigned compliance ID by PCMCIA
Specifications: • Contact Resistance: 40mΩ maximum (55mΩ maximum after test) • Dielectric Withstanding Voltage: 500VAC r.m.s. for 1 minute • Operating Temperature: 0°C ~ 55°C • Rated Current: 0.75A per pin
Materials and Finishes: • PCB Connection: Contact: Copper Alloy 0.1 μm minimum Gold plating over Nickel • Insulator: PPS



A

Fig.	No. of Pos.	Dim. A (mm)	Digi-Key Part No.	Price Each			Digi-Key Part No.	Tape and Reel		JAE Part No.
				1	25	100		Qty.	Pricing	
1	26	5.65	670-1096-1-ND	1.42	.88	.75	670-1096-2-ND	800	523.24	PX10-BSB16-R800
2	26	7.30	670-1097-ND	9.64	6.86	6.22	—	—	—	PX11-FS16NH

MM50 Series Memory Module

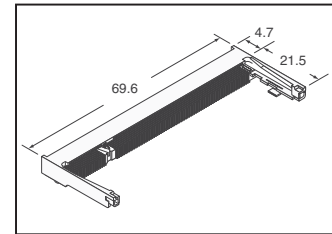


Features: • 0.6mm narrow pitch • Right Angle Specifications: • Contact Resistance: 40mΩ maximum (initial) • Dielectric Withstanding Voltage: 500VAC r.m.s. for 1 minute • Operating Temperature: -55°C ~ 105°C • Rated Current: 0.3A/position
Insulation Resistance: 100MΩ

Materials and Finishes: • Contact: Copper Alloy; Contact Portion: Gold plating over Nickel (0.1 μm minimum); Terminal Portion: Gold Flash • Insulator: Glass-filled LCP (UL94V-0) • Hold down: Copper Alloy/Tin-Lead Plating • Key: Stainless Steel

No. of Pos.	Operating Voltage	Key Type	Mounted Height (mm)	Digi-Key Part No.	Price Each			JAE Part No.
					1	25	100	
200	1.8	Standard	5.2	670-1086-ND	2.98	1.75	1.60	MM50-200B2-1E
		Standard	5.2	670-1086-2-ND†	471.75/300			MM50-200B2-1-E300E
		Reverse	5.2	670-1087-ND	2.98	1.75	1.60	MM50-200B2-1RE
		Standard	5.2	670-1088-ND	3.96	2.32	2.12	MM50-200B2-2E
	Reverse	5.2	670-1089-ND	3.96	2.32	2.12	MM50-200B2-2RE	
	2.5	Standard	4.0	670-1082-ND	5.14	2.92	2.75	MM50-200B1-B1
Reverse		5.2	670-1081-ND	3.27	1.91	1.75	MM50-200B1-1RE	
Reverse		6.5	670-1084-ND	3.27	1.91	1.75	MM50-200B1-E1RE	

† Tape and Reel



MicroSD™ Socket



Features: • Employs push-push structure for minimized mounting space • With half lock structure to prevent falling out of card

Specifications: • Rated Current: 0.5A maximum • Rated Voltage: 10V • Dielectric Withstanding Voltage: 500VAC r.m.s. for 1 minute • Insulation Resistance: 1000MΩ minimum • Contact Resistance: 100mΩ maximum • Operating Temperature Range: -25°C ~ 85°C • Storage Temperature: -10°C ~ 60°C • Temperature Rise: 30C° rise maximum

Materials and Finishes: • Contact: Copper Alloy; Contact: Gold plating over Nickel • Terminal: Gold flash plating over Nickel

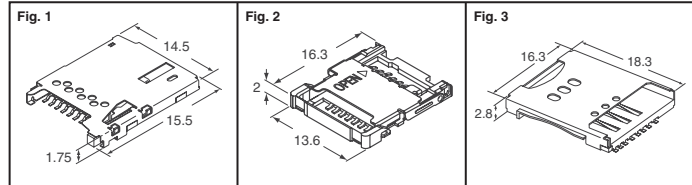


Fig.	No. of Positions	Description	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		JAE Part No.
				1	25	100		Qty.	Pricing	
1	8	Low profile/SDA™ for MicroSD Memory Card	670-1355-1-ND	1.91	1.18	1.00	670-1355-2-ND	1,500	823.18/M	ST2S008V1AR1500
2	8	SMT, MicroSD Card Connector	670-1528-1-ND	1.39	.86	.79	670-1528-2-ND	1,500	670.58/M	ST1W008S4AR1500
3	14	MicroSD and SIM Card Combo Connector	670-1522-1-ND	3.09	2.03	1.80	670-1522-2-ND	800	1302.82	ST5S014V4AR800

Plug In SIM Card Connectors



Specifications: • 6 Positions • Contact Resistance: 100mΩ maximum • Dielectric Withstanding Voltage: 500VAC r.m.s. for 1 minute • Operating Temperature: -40°C ~ 90°C • Rated Current: 10μA ~ 1A • Insulation Resistance: 1000MΩ minimum

Materials and Finishes: • Contact: Copper Alloy; Contact: Gold plating over Nickel; Terminal: Gold flash plating over Nickel

Gold flash over Nickel • Housing: Glass filled LCP • Cover: Glass filled LCP

SF9 Series: • Contact: Copper Alloy/ 0.5μ minimum Gold over Nickel • Housing: Glass filled LCP/None (UL94V-0) • Cover Frame: Stainless Steel/ Gold over Nickel (Terminal portion only) • Tray: PC/None (UL94V-0)

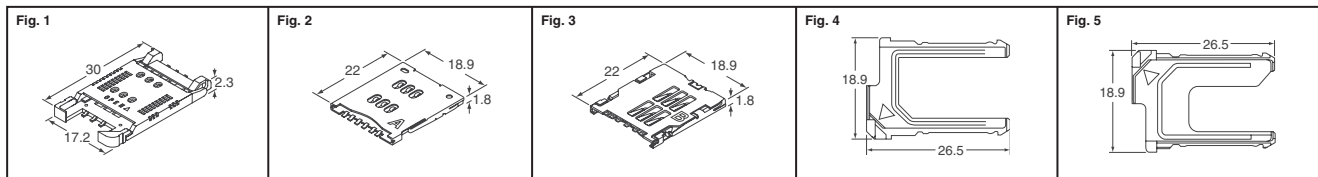
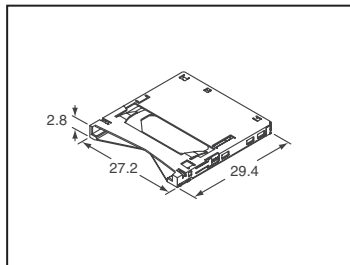


Fig.	Description	Digi-Key Part No.	Cut Tape Price Each			Digi-Key Part No.	Tape and Reel		JAE Part No.
			1	25	100		Qty.	Pricing	
1	Hinge Type with Positioning Boss	670-1524-1-ND	2.34	1.45	1.33	670-1524-2-ND	1,000	1095.30	SF7W006S1AE1000
	Hinge Type	670-1525-1-ND	1.80	1.11	1.02	670-1525-2-ND	1,000	838.53	SF7W006S1BE1000
2	Tray Type Standard	670-1519-1-ND	1.58	.98	.90	670-1519-2-ND	1,200	739.95/M	SF9W006S4AR1200
3	Tray Type Reverse	670-1520-1-ND	1.58	.98	.90	670-1520-2-ND	1,200	739.95/M	SF9W006S4BR1200
4	Tray for Standard Type	670-1518-ND	.56	.30	.25	—	—	—	SF9-ST1-A
5	Tray for Reverse Type	670-1517-ND	.56	.30	.25	—	—	—	SF9-STR1-B

SD Card Connectors



Specifications:

• Contact Resistance: 100mΩ maximum • Dielectric Withstanding Voltage: 500VAC r.m.s. for 1 minute • Operating Temperature: -25°C ~ 85°C • Rated Voltage: 3.3A • Rated Current: 0.5A maximum • Insulation Resistance: 100MΩ minimum after test

Materials and Finishes:

• Contact: Copper Alloy/ Contact Portion: Gold plating over Nickel; Terminal Portion: Gold flash plating over Nickel • Housing: Glass filled LCP (UL94V-0) • Eject Bar: Glass filled Nylon (UL94V-0) • Cover and Cam Follower: Stainless Steel/None • Spring: Piano Wire/Zinc Galvanizing • Card Lock Portion: Stainless Steel/None • Hold Down: Copper Alloy/ Gold flash plating over Nickel

No. of Positions	Mount Type	Digi-Key Part No.	Price Each			Tape and Reel†		JAE Part No.
			1	25	100	Qty.	Pricing	
9	Top	670-1521-1-ND	3.10	1.78	1.55	400	566.58	SG5S009V1A1R400
		670-1526-ND	2.66	1.60	1.42	—	—	SG5S009V1A1

† For Tape and Reel part number, change 1-ND to 2-ND.

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