

ALPS Small Memory Card Connectors



RoHS Compliant This product is RoHS compliant.

ALPS CONNECTORS FOR RS-MMC PUSH-PUSH TYPES

Features:

- Offers one of the smallest mounting areas and one of the longest media ejection distances (4mm) in the industry
- High impact resistance
- Relow solderable

Specifications:

- Operating temperature: -25°C~+60°C
- Withstand voltage: 500VAC/1 min.
- Insulation resistance: 1000 MΩ
- Mating/Unmating cycles: 10,000 cycles

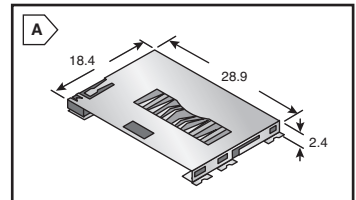
Applications:

- PDAs
- Digital Cameras
- Cellular Phones

MMC is a registered trademark of Infineon Technology AG, and is licensed to the MMCA

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	Mounting System	Package Type	Price Each			
					1	25	50	100
688-SCDC2A0102	SCDC2A0102	A	Reverse mount with media detection switch	Tape and reel	2.89	2.60	2.45	2.31



ALPS CONNECTORS FOR COMBINE TYPE CARDS (MEMORY STICK DUO, miniSD CARD, microSD, SD MEMORY CARD, AND xD-PICTURE CARD)

Push-in push-out eject mechanism applicable up to four types of media.

Features:

- Push-push ejection mechanism applied in both card types
- Contact point protection to minimize card damage during insertion and ejection.
- Same insertion and ejection position applied for both cards.

Specifications:

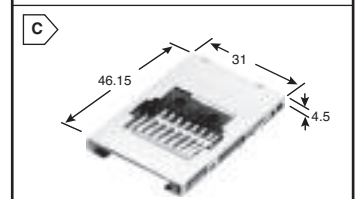
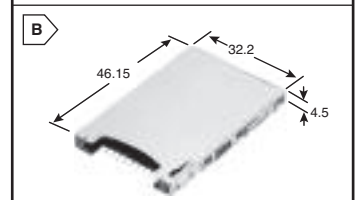
- Mating/Unmating cycles: 12,000 cycles
- Push-push
- 500V AC 1 minute
- Surface mounting type

Applications:

- Digital camcorders
- Digital still cameras
- Portable memory players
- Audio systems

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	Stand-off (mm)	Mounting System	Features	Packaging Type	Price Each			
							1	25	50	100
SD Memory Card/Multi-media Card/Memory Stick										
688-SCDB1C0105	SCDB1C0105	B	0	Standard	with boss	Tray	5.05	4.21	3.78	3.36
688-SCDB2A0200	SCDB2A0200	C	0	Reverse Mount	with boss	Tray	5.59	4.66	4.19	3.73



ALPS CONNECTORS FOR COMBINE TYPE CARDS (SD MEMORY / MULTIMEDIACARD™ / MEMORY STICK™)

Features:

- Supports SD Memory, MultiMediaCard™, and Memory Stick™ in one connector
- Push-in push-out eject mechanism used for all three types

Specifications:

- Operating temperature range: -20°C to +60°C
- Withstanding voltage: 500VAC
- Insulation resistance: 1000MΩ minimum
- Mating/Unmating cycles: 10,000 cycles
- Contact resistance: 100mW maximum

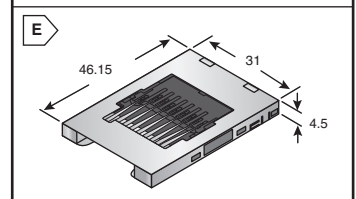
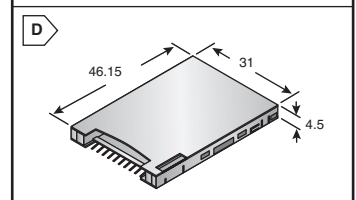
Applications:

- Cellular Phones
- Personal Computers
- Digital Cameras
- PDAs
- Home audio/video equipment

Memory Stick is a trademark of Sony. MultiMediaCard is a trademark of Infineon/Hitachi

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	Stand-off (mm)	Mounting System	Features	Packaging Type	Price Each			
							1	25	50	100
688-SCDB1C0101	SCDB1C0101	D	0	Standard	Without frame legs	Bulk	3.44	3.09	2.92	2.75
688-SCDB2A0101	SCDB2A0101	E	0	Reverse	With boss	Bulk	6.48	5.82	5.50	5.18



ALPS CONNECTORS FOR COMPACTFLASH® CARDS

The pin headers and the ejectors are supplied as separate parts.

When using them, solder a pin header to a printed circuit board, assemble an ejector to the pin header and screw in.

Features:

- Industry's smallest CF card connector with ultra-slim depth
- Eject mechanism
- High mounting strength realized by screwing connector directly to pc board
- Metal-plated structure enhances mechanical strength and noise-proof properties

Specifications:

- 0mm Stand-off
- Position of lever: 1-step type is on left, 2-step type is on right
- Pin pitch: 1.27mm
- Insulation resistance: 1000 MΩ minimum
- Mating/Unmating cycles: 10,000 cycles

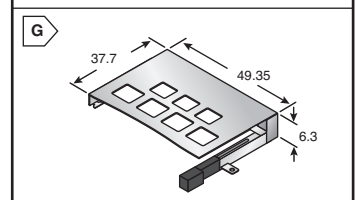
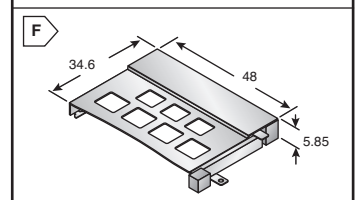
Applications:

- Cellular Phones
- Personal Computers
- Digital Cameras
- PDAs
- Home audio/video equipment

CompactFlash is a registered trademark of SanDisk

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	Application Card	Mounting System	Description	Price Each			
						1	25	50	100
With 1-Step Media Ejection Lever									
688-SCFB2A0400	SCFB2A0400	F	Type I,II	Reverse	Ejector, related pin header SCFB1A0600	2.90	2.61	2.47	2.32
688-SCFB1A0600	SCFB1A0600	-	Type I,II	Reverse	50-pin Pin header, related ejector SCFB2A0400	1.94	1.75	1.65	1.55
With 2-Step Media Ejection Lever									
688-SCFB3A0300	SCFB3A0300	G	Type I,II	Standard	Ejector, related pin header SCFB1A0500	3.06	2.75	2.60	2.45
688-SCFB1A0500	SCFB1A0500	-	Type I,II	Standard	50-pin Pin header, related ejector SCFB3A0300	2.03	1.83	1.72	1.62
688-SCFB3A0200	SCFB3A0200	H	Type I,II	Standard	Ejector, related pin header SCFB1A0900	2.86	2.63	2.36	1.91



ALPS CONNECTORS FOR ExpressCard

Compact low-profile and power-saving structure conforms to PCMCIA Unified Standard

Features:

- Simple structure contributes to compact and light weight body.
- Eject knob can be applied to the left or right side.
- Also available in stand-off.
- Pin header (SCBA) is provided with an adsorption area allowing automatic mounting.

Specifications:

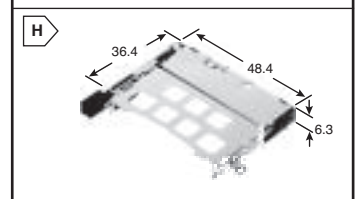
- 1mm Contact pitch
- 26 Pins
- 500V AC 1 minute
- 5000 cycles

Applications:

- Printers
- Digital still cameras
- Car navigation systems
- PDAs

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	Application Card	Mounting System	Description	Price Each			
						1	25	50	100
688-SCBB8B0100	SCBB8B0100	-	1.75	Reverse	Ejector, surface mount, right knob position	3.38	2.82	2.54	2.25



ALPS CONNECTORS FOR CKA CMOS CAMERA MODULES

Specifications:

- Mating/Unmating cycles: 10 cycles
- Contact resistance: 100mΩ
- Insulation resistance: 1000MΩ
- Sold on cut tape and reel

Applications:

- Include mobile phones with camera, digital cameras, etc.

For quantities of 2000 and up, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	Fits Module Size	Mounting	Package Type	Price Each				Reel Qty.	Reel Qty. Price Each
						1	25	50	100		
688-SCKA1A0201	SCKA1A0201	I	8mm X 8mm	Surface mount	Tape and Reel	2.49	2.13	1.78	1.60	1000	1.24

