

ALPS Memory Card and Camera Module Connectors



DIMENSIONS: mm

ALPS RS-MMC PUSH-PUSH TYPE CONNECTORS

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

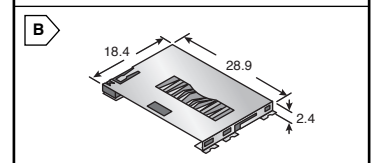
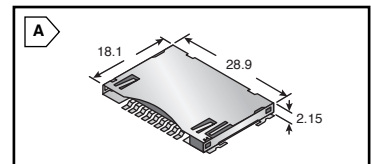


RoHS Compliant

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-SCDC1A0102	SCDC1A0102	A	Standard mount with media detection switch	Tape and reel	2.89	2.60	2.45	2.31
688-SCDC2A0102	SCDC2A0102	B	Reverse mount with media detection switch	Tape and reel	2.89	2.60	2.45	2.31



ALPS MEMORY STICK DUO™ CARD CONNECTORS

Features:

- Long (6mm) stroke and clearly defined click for positive card insertion.
- 10 Newton lock strength
- Push-push media ejection

Specifications:

- Operating temperature range: -20°C to +60°C
- Withstanding voltage: 500VAC
- Insulation resistance: 1000 MW minimum
- Mating/Unmating cycles: 12,000 cycles
- Contact resistance: 40 mW maximum

Applications:

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

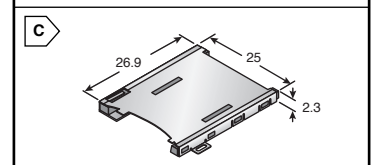


RoHS Compliant

Memory Stick Duo is a trademark of Sony

For quantities of 200 and up, call for quote.

MOUSER STOCK NO.	Alps Part No.	Fig.	Stand-off (mm)	Mounting System	Package Type	Price Each			
						1	25	50	100
688-SCM1B0100	SCM1B0100	C	0	Standard	Bulk	1.47	1.33	1.25	1.18



ALPS COMBINE TYPE (SD MEMORY / MMC™/MEMORY STICK™/ XD-PICTURE™) CARD CONNECTORS

Features:

- Supports SD Memory, MultiMediaCard™, Memory Stick™, and xD-Picture Card™ in one connector
- Relow solderable

Specifications:

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

Applications:

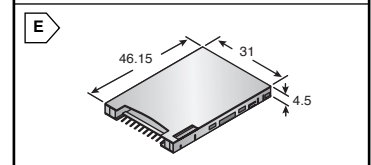
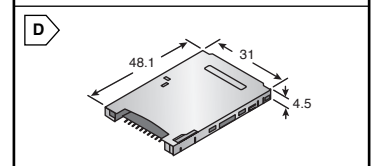
- PDAs
- PCs
- Digital Cameras
- Digital camcorders



RoHS Compliant

MultiMediaCard is a trademark of Infineon/Hitachi
Memory Stick is a trademark of Sony
xD-Picture Card is a trademark of Fujifilm, Olympus, and Toshiba

MOUSER STOCK NO.	Alps Part No.	Fig.	Stand-off (mm)	Mounting System	Media Ejection Structure	Packaging Type	Price Each			
							1	25	50	100
688-SCDE1C0102	SCDE1C0102	D	0	Standard	Push-push	Tray	7.70	6.92	6.54	6.16



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

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: 1000 MΩ minimum
- Mating/Unmating cycles: 10,000 cycles
- Contact resistance: 100 mW maximum

Applications:

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

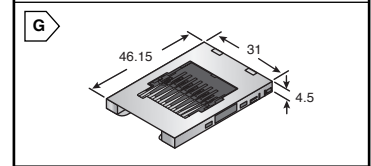
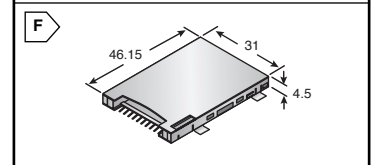


RoHS Compliant

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	E	0	Standard	Without frame legs	Bulk	3.44	3.09	2.92	2.75
688-SCDB1A0102	SCDB1A0102	F	0	Standard	With frame legs	Bulk	5.76	5.18	4.89	4.61
688-SCDB2A0101	SCDB2A0101	G	0	Reverse	With boss	Bulk	6.48	5.82	5.50	5.18



ALPS COMPACTFLASH® CARD CONNECTORS

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

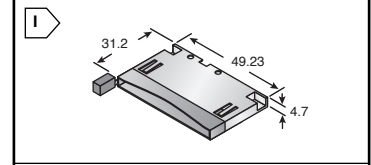
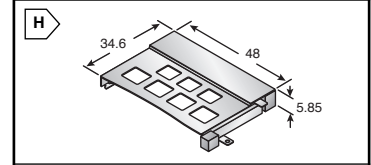


RoHS Compliant

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	H	Type I, II	Reverse	Ejector, related pin header SCFB1A0600	2.90	2.61	2.47	2.32
688-SCFB2A0500	SCFB2A0500	I	Type I	Standard	Ejector, related pin header SCFB1A0700	1.96	1.77	1.67	1.57
688-SCFB1A0600	SCFB1A0600	---	Type I, II	Reverse	50-pin Pin header, related ejector SCFB2A0400	1.94	1.75	1.65	1.55
688-SCFB1A0700	SCFB1A0700	---	Type I	Standard	50-pin Pin header, related ejector SCFB2A0500	1.30	1.17	1.11	1.04
With 2-Step Media Ejection Lever									
688-SCFB3A0300	SCFB3A0300	J	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



ALPS SCKA CMOS CAMERA MODULE CONNECTOR

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.



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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	K	8mm X 8mm	Surface mount	Tape and Reel	2.49	2.13	1.78	1.60	1000	1.24

