ALPS Small Memory Card Connectors

ROHS Compliant This product is RoHS compliant.

NEXT

ALPS CONNECTORS FOR SD MEMORY CARDS

- Media half-lock structure stops media from flying out during
- ejection, preventing the dropping and loss of media. Media detection switch adopts a highly reliable structure where the contact slides at ON/OFF to ensure detection of media
- insertion timing. Also compatible to MultiMediaCard™
- · Compact size and low-profile.



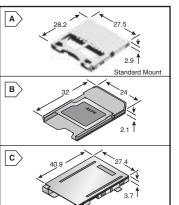
- Specifications:
 Mating/unmating cycles: 10,000 cycles
- Operating temperature range: -25 to +60°C
- Voltage proof: 100V AC 1 minute/500V AC 1 minute (SCDA3)
- Insulation resistance (Initial): 1,000M Ω min. Contact resistance (Initial): Connector contacts 100m Ω max.

Applications:

- For digital cameras, digital camcorders, mobile phones, PCs
- and personal digital assistants For home audio equipment
- (TVs, set top boxes, etc.)
- For stereo systems
 For portable memory players

For quantities of 500 and up, call for quote

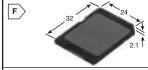
MOUSER	Alps	ļ	Stand -off	Manualia a Octobra	Factoria	Packaging		Price	Each	
STOCK NO.	Part No.	Fig.	(mm)	Mounting System	Features	Type	1	25	50	100
688-SCDA3A0102	SCDA3A0102	Α	0	Standard	Inner tail, without frame legs	Taping	1.77	1.48	1.33	1.18
688-SCDA3A0202	SCDA3A0202	Α	0	Standard	Inner tail, with frame legs	Taping	2.05	1.95	1.84	1.75
688-SCDA3B0201	SCDA3B0201	Α	0	Standard	Inner tail, with shutter	Tray	2.30	2.06	1.96	1.84
688-SCDA4A0200	SCDA4A0200	Α	0	Standard	Slim type, with boss	Taping	1.77	1.48	1.33	1.18
688-SCDA4A0301	SCDA4A0301	Α	0	Standard	Slim type, without boss	Taping	1.77	1.48	1.33	1.18
688-SCDA4A0400	SCDA4A0400	Α	1.8	Standard	Slim type	Taping	1.77	1.48	1.33	1.18
688-SCDA3C0102	SCDA3C0102	Α	0	Standard	Header type	Taping	1.75	1.46	1.31	1.16
688-SCDA5A0201	SCDA5A0201	Α	1.8	Reverse mount	Slim type	Tray	1.08	1.03	1.00	.97
688-SCDA6A0101	SCDA6A0101	Α	0	Reverse mount	Slim type	Taping	1.77	1.48	1.33	1.18
688-SCDA3B0201	SCDA3B0201	Α	0	Standard	with Shutter	Taping	2.30	2.06	1.96	1.84
				(inner tail type)						

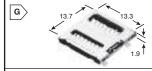


D)

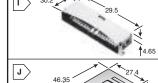
Standard Mount

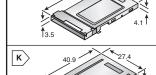


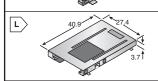














ALPS CONNECTORS AND ADAPTERS FOR miniSD™ CARDS Specifications: • Mating/unmating cycles: 10,000 cycles

- Features:
 The miniSD™ Saves 40% of pcb area and 60% of volume required by SD cards
- Highly shock-resistant robust guard lock
- Adapter has metal frame within plastic body

- Internal media detection switch
 Half-lock structure keeps media from popping out on ejection
 Adapter allows a miniSD™ card to be used in an SD connector
- miniSD is a trademark of San Disk

- Operating temperature range: Connector: -25 to +70°C Adapter: -25 to 85°C Connector has push-push type media ejection
- Adapter has header type media ejection Both connector and adapter are supplied in bulk
- Connector is also available on tape and reel.

For quantities of 500 and up, call for quote.

Applications:
• Mobile Phones

Digital Cameras

Personal Computers

MOUSER	Alps		5		Price	Each	
STOCK NO.	Part No.	Fig.	Description	1	25	50	100
688-SCJB1B0301	SCJB1B0301	В	Push-push, Surface Mount, miniSD Card Connector with switch	1.88	1.57	1.41	1.25
688-SCJB2B0201	SCJB2B0201	В	Push-push, Reverse Mount, miniSD Card Connector with switch	1.27	1.21	1.18	1.14
688-SCJC2A0200	SCJC2A0200	С	Manual insertion/removal miniSD Card Adapter	1.99	1.66	1.49	1.33
688-SCHF1A0100	SCHF1A0100	С	Manual insertion/removal miniSD Card Adapter for microSD connector	2.81	2.34	2.11	1.87
688-SCJC1A0100	SCJC1A0100	В	SD to miniSD adapter. For use in SD card connector	3.16	2.84	2.69	2.53

ALPS CONNECTORS AND ADAPTERS FOR microSD CARDS

Backplane/Card

ALPS

Improved quality · Good operational feel

Specifications:

- Surface type mounting
- Push-push type
 500V AC 1 minute
- 5000 cycles

Applications: • Mobile phones • PDAs

- Digital still cameras
- Compact audio equipment

For qua	antities of	f 500 and	up, call	for quot
	1.09	1.04	1.01	.98
	1.27	1.21	1.18	1.14

688-SCHA1A0101 688-SCHA1B0100	SCHA1A0101 SCHA1B0100	D D	Push-push, Standard Mount, without switch Push-push, Standard Mount, with switch	1.09 1.27	1.04 1.21	1.01 1.18	.98 1.14
688-SCHA2B0300	SCHA2B0300	D	Push-push, Reverse Mount, with switch	1.27	1.21	1.18	1.14
688-SCHB1A0201	SCHB1A0201	Е	Manual insertion/removal, Surface mnt, Connector-hinge cover type	1.27	1.06	.95	.85
688-SCHC1A0200	SCHC1A0200	F	Manual insertion/removal,microSD Card Adapter	1.99	1.66	1.49	1.33
688-SCHD1A0101	SCHD1A0101	G	Manual insertion/removal, Surface mount, Connector-header type	1.27	1.06	.95	.85
AL DC CONNI	-01000 50		A CIM CAPPO				

ALPS CONNECTORS FOR W-SIM CARDS

Features:

- Improved operability from long ejection stroke (mm) and clear click feel
- Good operational feel.
- Double contact-point for power and ground reduces risk of temporary power failure.

Specifications:

- Mating/unmating cycles: 10,000 cycles
- Operating temperature range: -25 to +60°C
 Voltage proof: 500V AC 1 minute
- Insulation resistance (Initial): 1.000M Ω min.
- Contact resistance (Initial): 100m Ω max.

Applications:

Compact and low-profit	ie suitable for portab	ie devid	es.		For quantities of 500 and up, call for quote					
MOUSER	Alps	F:	Stand -off		Frataman	Packaging		Price	Each	
STOCK NO.	Part No.	Fig.	(mm)	Mounting System	Features	Type	1	25	50	100
688-SCZA1A0100	SCZA1A0100	Н	0	Standard mount	Without boss L type	Tray	2.89	2.75	2.67	2.60
688-SCZA1A0200	SCZA1A0200	Н	0	Standard mount	With boss L type	Tray	4.34	3.61	3.25	2.89
688-SCZA1A0500	SCZA1A0500	Н	0	Standard mount	Without boss 1.2mm type	Tray	4.34	3.61	3.25	2.89
688-SCZA1A0600	SCZA1A0600	Н	0	Standard mount	With boss 1.2mm type	Tray	4.34	3.61	3.25	2.89
688-SCZA2A0100	SCZA2A0100	1	0	Standard mount	With boss L type	Tray	4.34	3.61	3.25	2.89
688-SCZA2A0200	SCZA2A0200	- 1	0	Standard mount	Without boss 0.6mm type	Tray	2.95	2.46	2.21	1.96

For mobile phones, PCs, and

personal digital assistants

For quantities of 500 and up, call for quote.											
MOUSER	Alps		Stand -off		F. shows	Packaging		Price Each			
STOCK NO.	Part No.	Fig.	(mm)	Mounting System	Features	Type	1	25	50	100	
688-SCZA1A0100	SCZA1A0100	Н	0	Standard mount	Without boss L type	Tray	2.89	2.75	2.67	2.60	
688-SCZA1A0200	SCZA1A0200	Н	0	Standard mount	With boss L type	Tray	4.34	3.61	3.25	2.89	
688-SCZA1A0500	SCZA1A0500	Н	0	Standard mount	Without boss 1.2mm type	Tray	4.34	3.61	3.25	2.89	
688-SCZA1A0600	SCZA1A0600	Н	0	Standard mount	With boss 1.2mm type	Tray	4.34	3.61	3.25	2.89	
688-SCZA2A0100	SCZA2A0100		0	Standard mount	With boss L type	Tray	4.34	3.61	3.25	2.89	
688-SCZA2A0200	SCZA2A0200	1	0	Standard mount	Without boss 0.6mm type	Tray	2.95	2.46	2.21	1.96	

ALPS CONNECTORS FOR MEMORY STICK CARDS

Fig.

Κ

Μ

Stand-off

(mm)

0

0

0

0

Features:
• Long (10mm) stroke and clearly defined click for positive card insertion

Alps

Part No.

SCFC1B0100

SCEC1F0100

SCEC1D0100

SCEC1B0200

SCEC1F0300

- Increased reliability with anti-ESD construction.
- 4 solder lug terminals are a part of the enclosure for secure mounting to the PC board.

Memory Stick is a trademark of Sony MOUSER

STOCK NO

688-SCEC1B0100

688-SCEC1F0100

688-SCEC1D0100

688-SCEC1B0200

688-SCEC1F0300

Specifications:

Mounting System

Standard

Standard

Standard

Standard

Standard

Operating temperature range: -20°C to +60°C

With boss.

Without bos

With boss.

- Withstanding voltage: 500VAC Insulation resistance: 1000 MW minimum Push-push media ejection
- Mating/Unmating cycles: 12,000 cycles Bulk packaging

· Home audio/video equipment

Applications:

Desktop PCs

PDAs

i or quantities or 500 and up, can for quote.								
E. stores	Price Each							
Features	1	25	50	100				
With boss, standard mouth	1.60	1.44	1.36	1.28				
ithout boss, standard mouth	1.60	1.44	1.36	1.28				
With boss, with shutter	1.84	1.66	1.57	1.47				
Vith boss, with square hole	1.66	1.50	1.41	1.32				
Without boss, wide mouth	1.66	1.50	1.41	1.32				
Without boss, flat mouth	1.66	1.50	1.41	1.32				



© Copyright 2009 Mouser Electronic

688-SCEC1F0400



