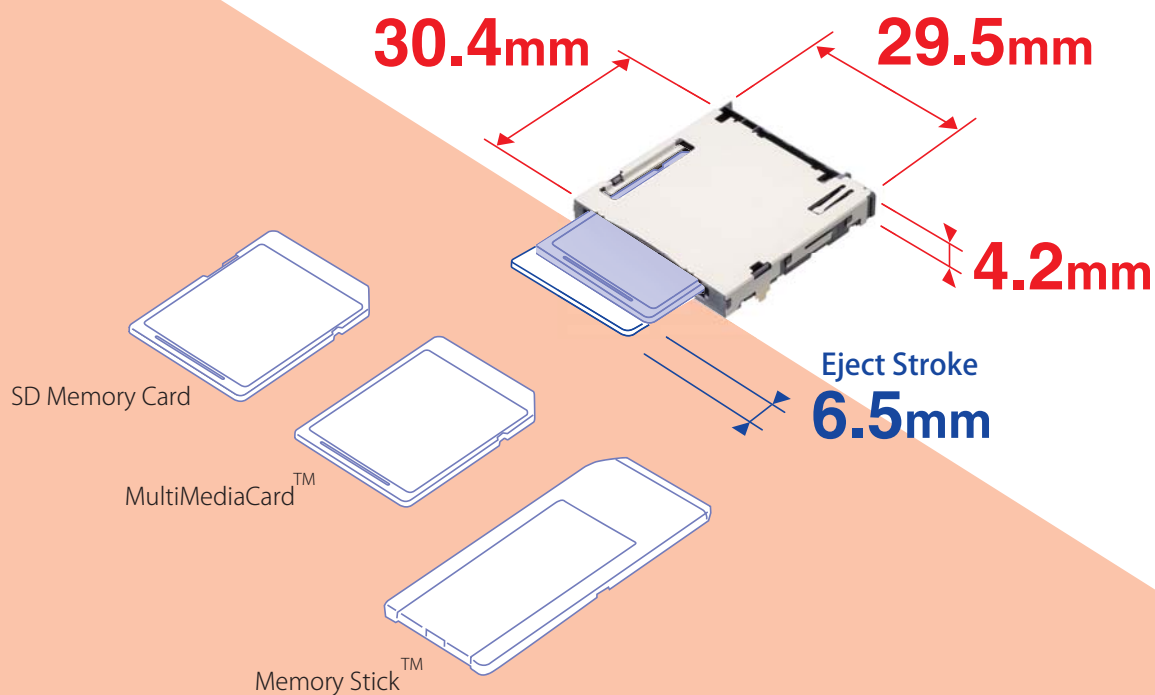# Low-profile 3-in-1 Combine Type Connector
(SD Memory Card, MultiMediaCard™, Memory Stick™)

NEW 2010

SCDB3A02 Series
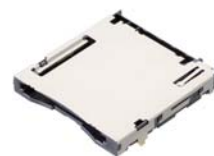
Thinnest & Most Compact. *

30.4mm **29.5mm**

4.2mm

Eject Stroke
6.5mm

SD Memory Card

MultiMediaCard™

Memory Stick™

* Industry's thinnest and most compact combine type connector, according to Alps Electric as of March 2010.

Highly reliable slide contact. 4.2mm height for thin notebook PCs.

- 4.2mm height for smaller, thinner and lighter product design.
- Detection switch in sliding contact structure ensures high reliability.
- 6.5mm eject stroke for easy operation.
- Stable coplanarity due to insertion molding structure.

SCDB3A02 Series

Low-profile 3-in-1 Combine Type Connector
(SD Memory Card, MultiMediaCard™, Memory Stick™)

SCDB3A02 Series

SCDB3A02 Series

Highly reliable slide contact. 4.2mm height for thin notebook PCs.
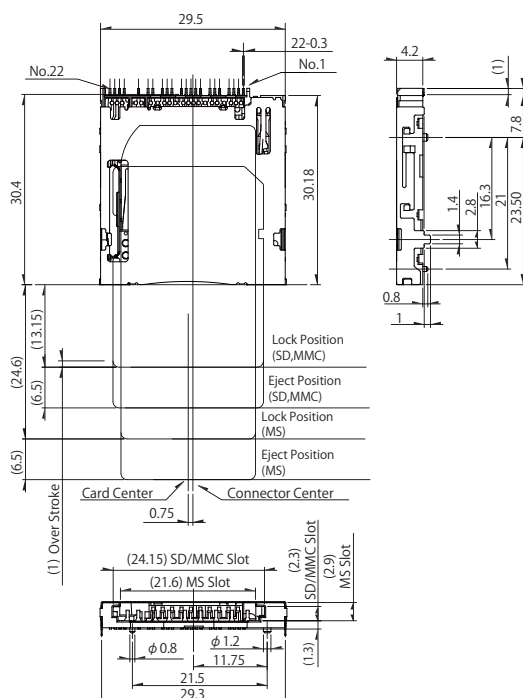
Applications

● Notebook PCs, personal digital assistants, home AV equipment (TVs, DVD players), etc.

Typical Specifications

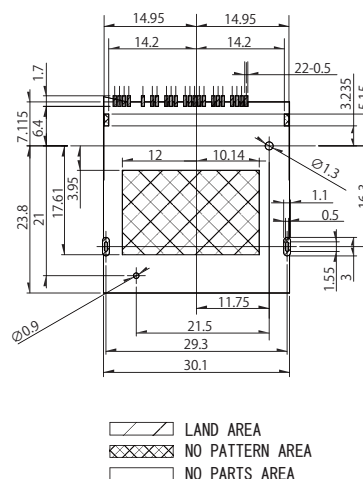| Items		Specifications
Applicable media		SD Memory Card, MultiMediaCard™, Memory Stick™
Mounting type		Surface mounting type
Mounting style		Standard mount
Media ejection structure		Push-push type
Voltage proof		500V AC 1 minute
Insulation resistance(Initial)		1,000MΩ min.
Contact resistance (Initial)	Connector contacts	100mΩ max.
	Detection switch	500 mΩ max.
Insertion and removal cycle		10,000 cycles (SD Memory Card), 12,000 cycles (Memory Stick ™)

Dimensions
Unit:mm

PC board land dimensions (Viewed from switch mount face)
Unit:mm

LAND AREA
NO PATTERN AREA
NO PARTS AREA

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1. For the export of products which are controlled items subject to foreign and domestic export laws and regulations, you must obtain approval and/or follow the formalities of such laws and regulations.
2. Products must not be used for military and/or antisocial purposes such as terrorism, and shall not be supplied to any party intending to use the products for such purposes.
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4. Before using products which were not specifically designed for use in automotive applications, please contact an Alps sales representative.

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5. MultiMediaCard (MMC) is a trademark of MultiMediaCard Association.
6. SD is a trademark of TOSHIBA Corporation.
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8. The contents of this catalog are according to Alps Electric as of March 2010.
9. This catalog is valid until the end of December 2010.