

Connector for miniSD™ Card

SCJB Series



Low-profile type with a thickness of 2.15mm features high reliability contact structure.

For
SD Memory
Card

For
miniSD™
Card

For
microSD™
Card

For
W-SIM

For
Memory
Stick Micro™

For
Memory
Stick™

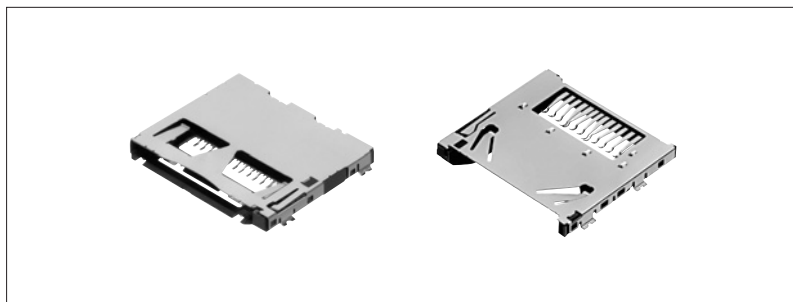
Combine Type

For
Compact
Flash™

For PC cards
supporting
CardBus

For
Express
Card™

For CMOS
Camera Module



Features

- 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.
- Strong card-lock with high shock resilience.
- Compact size and low-profile.

Applications

- For digital still cameras, digital camcorders, mobile phones, PCs and personal digital assistants
- For portable memory players

Typical Specifications

Items			Specifications
Structure	Applicable media		miniSD™ Card
	Mounting type		Surface mounting type
	Mounting style		Standard mount/Reverse mount
	Media ejection structure		Push-push type
Performance	Operating temperature range		−25℃ to +70℃
	Voltage proof		500V AC 1minute
	Insulation resistance (Initial)		1,000MΩ min.
	Contact resistance (Initial)	Connector contacts	100mΩ max.
		Detection switch	500mΩ max.
	Insertion and removal cycle		10,000cycles

Product Line

Media ejection structure	Mounting style	Stand-off (mm)	Packing system	Product No.	Drawing No.
Push-push type	Standard mount	0	Taping	SCJB1B0301	1
	Reverse mount			SCJB2B0201	2

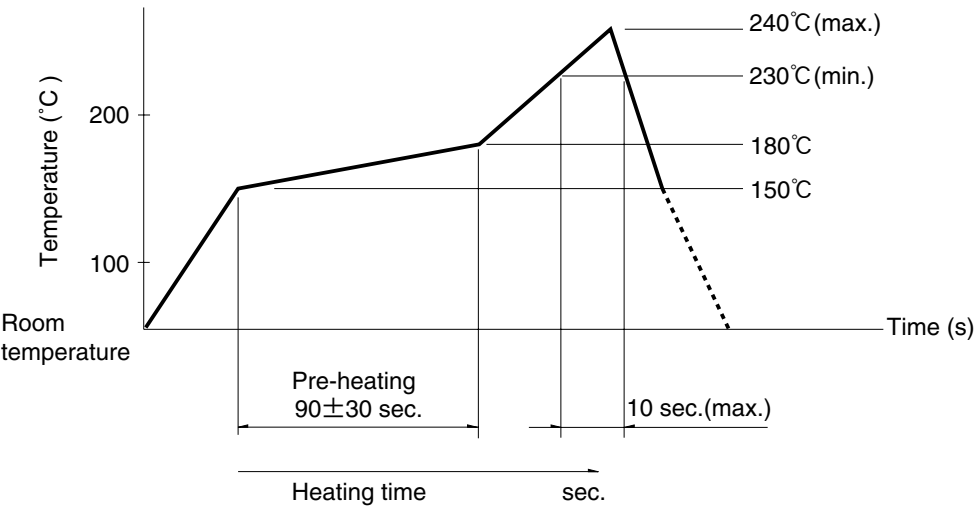
Unit:mm

For SD Memory Card	For miniSD™ Card	For microSD™ Card
	For W-SIM	For Memory Stick Micro™
		For Memory Stick™
		Combine Type
	For Compact Flash™	For PC cards supporting CardBus
	For Express Card™	For CMOS Camera Module

Soldering Conditions

Example of Reflow Soldering Condition (Reference)

- 1. Heating method: Double heating method with infrared heater.
- 2. Temperature measurement: Thermocouple 0.1 to 0.2 ϕ CA (K) or CC (T) .
- 3. Temperature profile (Surface of products) .



Cautions

- 1. When soldering terminals, there is a danger that load placed on the terminals may cause rattle, deformation or electrical degradation to occur depending on the conditions. Caution is therefore required.
- 2. Avoid use of water-soluble soldering flux, since it may corrode the product.
- 3. Check and conform to reflow soldering requirements under actual mass production conditions.
- 4. PC board warping may alter the characteristics. Please take this into consideration when designing patterns and layout.
- 5. This product has been designed and manufactured for use in ordinary electronic equipment, such as AV equipment, electric home appliances, office machines and communication equipment. In case of using the products for highly sensitive applications such as medical, aviation, aerospace and security, the set makers shall require to include measures necessary to meet product safety requirements of such specific applications. Such measure may include additional protection circuits and redundant circuits, for example.
- 6. The card specifications are provided by the above manufactures. Products by other manufactures may not be compliant with these specifications and are subject to change without prior notice.

Mouser Electronics

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