

Connector for connection with PC cards supporting CardBus

SCAK/SCAJ Series

High soldering reliability achieved by our unique terminal arrangement.

For SD Memory Card

For miniSD™ Card

For microSD™ Card

For RS-MMC™

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



RoHS applicable

Features

- Eject knob can be placed to left or right.
- Stand-off available (0/2.2mm).
- Pin header (SCAJ) is provided with attachment section for automatic mounting.

Applications

- Set top boxes, personal computers, audio-visual devices

Typical Specifications

Items		Specifications
Structure	Applicable media	PC Cards which confirm to PC card standard
	Mounting method	Surface mounting type
	Contact pitch	1.27mm
	Number of contacts	68 Pins
Performance	Operating temperature range	-20°C to +60°C
	Voltage proof	250V AC 1 minute
	Insulation resistance(Initial)	1,000MΩ min.
	Contact resistance(Initial)	40mΩ max.
	Mating and unmating cycle	Office environment : 10,000 cycles Outside office environment : 5,000 cycles

Products List

1 Step ejector

Ejection mechanism:1step

Mounting system	Stand-off (mm)	Cover	Position of knob	Product No.		Minimum packing unit (pcs.)
				Standard	Reverse	
Standard mount Reverse mount	0	With	Left	SCAK3B5100	SCAK3B5200	180
			Right	SCAK3B5200	SCAK3B5100	
		Without	Left	SCAK3B5300	SCAK3B5400	
			Right	SCAK3B5400	SCAK3B5300	
	2.2	With	Left	SCAK3B5500	SCAK3B5600	
			Right	SCAK3B5600	SCAK3B5500	
		Without	Left	SCAK3B5700	SCAK3B5800	
			Right	SCAK3B5800	SCAK3B5700	

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2 Step ejector

Ejection mechanism:2step

Mounting system	Stand-off (mm)	Cover	Shutter	Position of knob	Product No.		Minimum packing unit (pcs.)
					Standard	Reverse	
Standard mount Reverse mount	0	With	With	Left	SCAK5B8100	SCAK5B8200	180
				Right	SCAK5B8200	SCAK5B8100	
			Without	Left	SCAK5B7100	SCAK5B7200	
				Right	SCAK5B7200	SCAK5B7100	
		Without	With	Left	SCAK5B8400	SCAK5B8500	
				Right	SCAK5B8500	SCAK5B8400	
			Without	Left	SCAK5B7400	SCAK5B7500	
				Right	SCAK5B7500	SCAK5B7400	
	2.2	With	With	Left	SCAK5B8700	SCAK5B8800	
				Right	SCAK5B8800	SCAK5B8700	
			Without	Left	SCAK5B7700	SCAK5B7800	
				Right	SCAK5B7800	SCAK5B7700	
		Without	With	Left	SCAK5B8A00	SCAK5B8B00	
				Right	SCAK5B8B00	SCAK5B8A00	
			Without	Left	SCAK5B7A00	SCAK5B7B00	
				Right	SCAK5B7B00	SCAK5B7A00	

For W-SIM™

For Memory Stick Micro™

For Memory Stick™

Combine Type

For Compact Flash™

For PC cards supporting CardBus

Pin header

Mounting system	Stand-off (mm)	Product No.	Minimum Packing unit (pcs.)
Standard mount	0	SCAJ1A1100	300
	2.2	SCAJ1A1200	
Reverse mount	0	SCAJ1B1500	
	2.2	SCAJ1B1600	

For Express Card™

For CMOS Camera Module

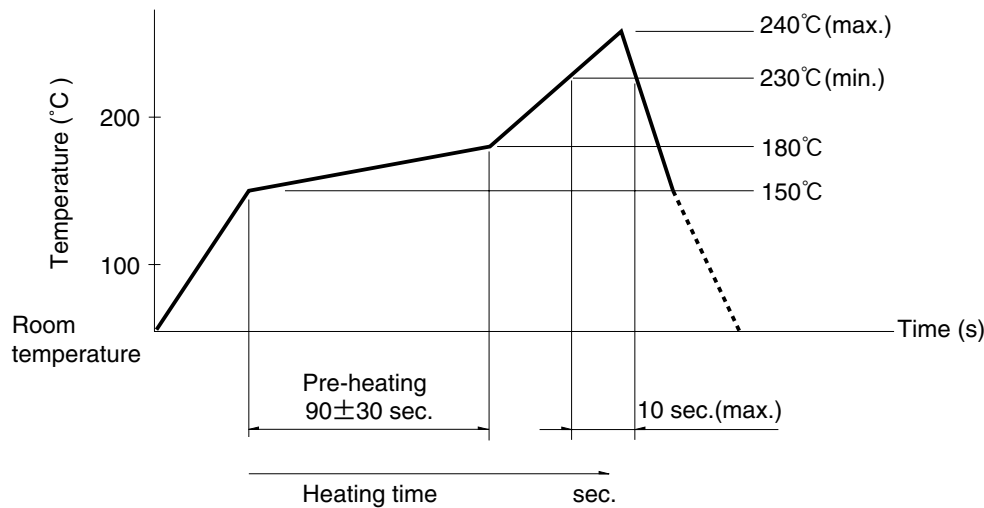
Notes

- ※It is requested that the order placed be an integer multiple of the minimum packing units.
- For export packing, please consult us.
- 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 it.

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.



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. When soldering, do not use water soluble flux because this may corrode the product.
3. Regarding the setting of reflow conditions, please confirm them with the actual mass production conditions.
4. As PC board warping may alter characteristics, please take this into consideration when designing pattern and layout.
5. This product has been designed and manufactured for applications to ordinary electronic equipment and devices such as the AV equipment, electric home applications, office machines and communications equipment, consequently, when employing these products for appliances requiring a high degree of safety and reliability such as the medical equipment, aviation and aircraft equipment, space equipment and burglar alarm equipment, the using manufacturers will please thoroughly study the proprieties of these products for the planned applications.

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