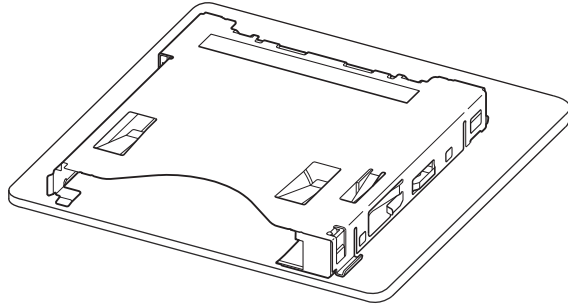




# XCC CONNECTOR

For CFexpress Type B cards, for XQD cards / Card push type



Supports CFexpress Type B cards and XQD cards, enabling card push functionality.

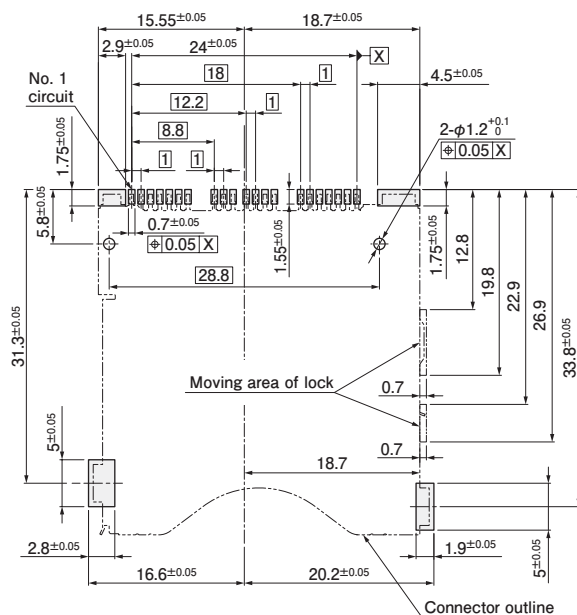
- Supports CFexpress Type B cards
- Also supports XQD cards
- Supports CFexpress 4.0  
(Data transfer speed based on PCIe 4.0)
- Card ejection method: Card push
- Includes mechanism that prevents card ejection

## Specifications

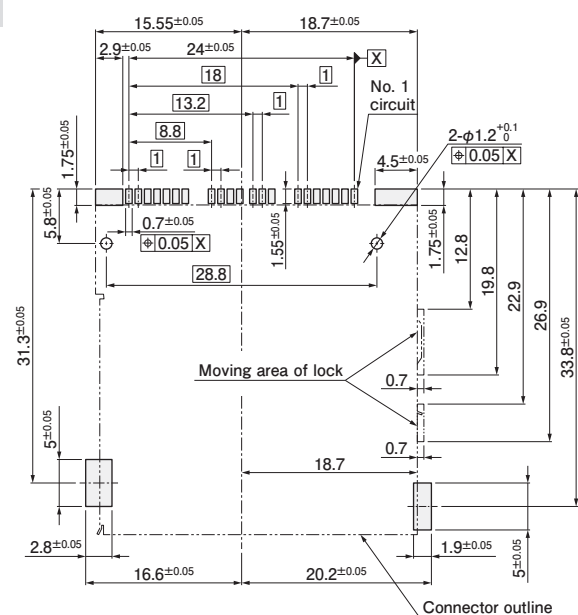
- Current rating:  
2.0 A AC/DC (Pin number 10 (+3.3V terminal))  
0.5 A AC/DC (Except for pin number 10)
- Temperature range: -25°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 40 mΩ max.  
After test/ 55 mΩ max.
- Insulation resistance: Initial value/ 1,000 MΩ min.  
After test/ 100 MΩ min.
- Withstanding voltage:  
There shall be no breakdown or flashover while applying 500 VAC for one minute.
- Mating cycles: 12,000
- Applicable Cards: CFexpress Type B-compliant cards  
XQD-compliant cards
- \* Please refer to the "Handling Precautions for Terminals and Connectors" on our website (listed in the "Technical Documents" column on the Product Information page) before use.
- \* RoHS2 compliance
- \* Dimensional unit: mm
- \* Contact JST for details.

## PC board layout

### Normal



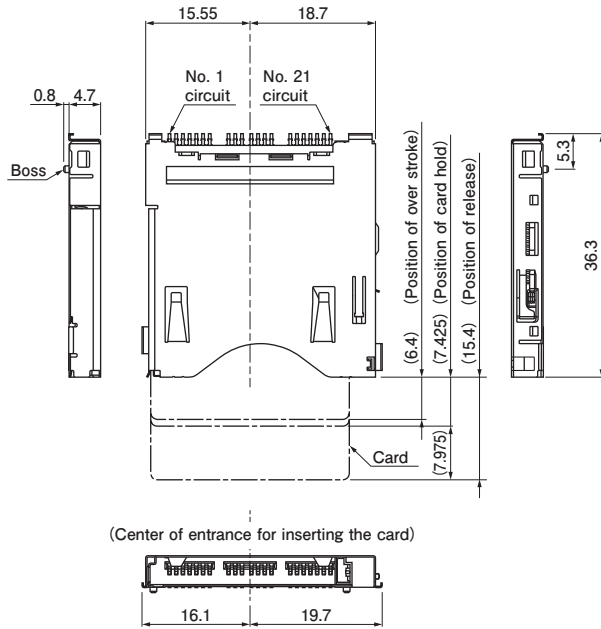
### Reverse



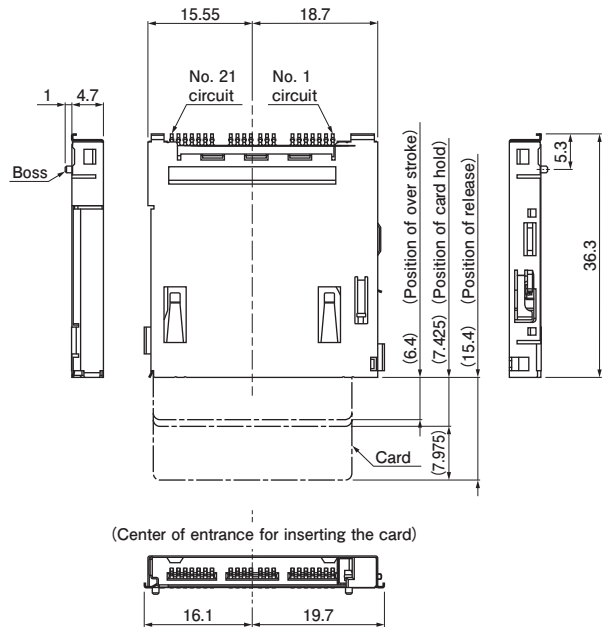
Note: 1. The PC board layout figure shown is viewed from the connector mounting surface.  
2. The above dimensions are for reference only. Please contact JST for further details.

## Connector

### Normal



### Reverse



No. of circuits	Type	Boss	Model No.	Q'ty/box	Material and Surface finish, etc.
21	Normal	With boss	XCC-HC21SR-S532-N1401	1,040	Contact: Copper alloy, selective gold-plated Housing: LCP, black Frame: Stainless steel, selective tin-plated Push lever: PA (Heat Resistance), black Lock : Copper alloy, nickel-plated Guide pin: Stainless steel Spring: Stainless steel
		Without boss	XCC-HC21SR-S532-N1501		
	Reverse	With boss	XCC-HC21SR-S532-R1101		
		Without boss	XCC-HC21SR-S532-R1201		

Note: 1. This product displays (LF)(SN) on a label.

2. For flame retardant grade of resin material used, please refer to the "List of Registered Overseas Standards" on our website (listed in the "Technical Documents" column on the Product Information page).