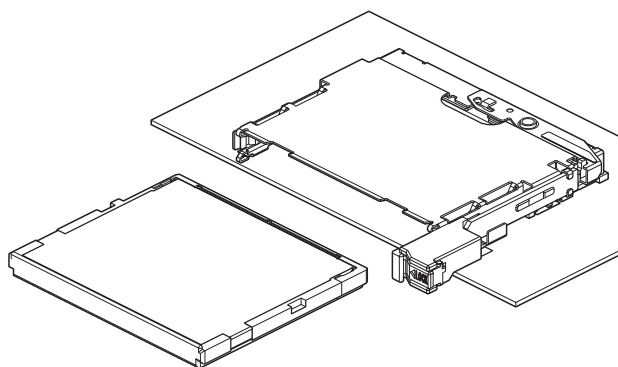




# CFF CONNECTOR

**1.27mm pitch/Connector for CFast™ Card Standard**



***This is the connector for CFast™ Card complying with CFast™ Specification.***

- ***Compliant with CFast™ Card Standard***
- ***Stable transmission characteristic***
- ***Card connector with GND spring***
- ***Ejector with slide lock***

## ***Specifications***

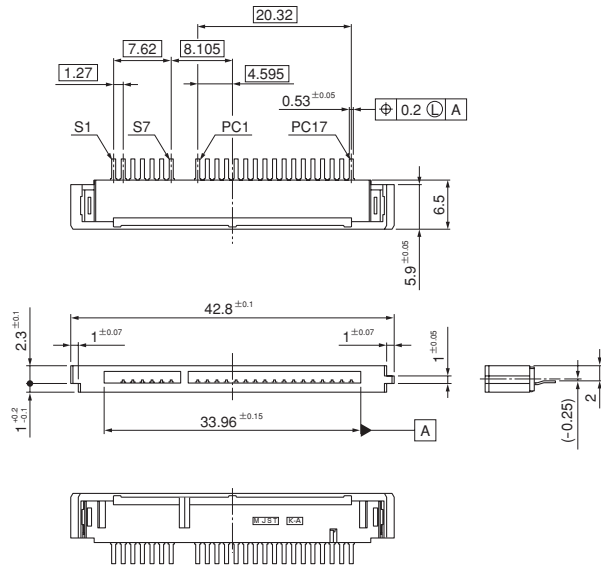
- Temperature range: -40°C to +85°C  
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 30 mΩ max.  
After environmental tests/ 15 mΩ max.  
(variation from initial value)
- Insulation resistance: 1,000 MΩ min. 500 VDC
- Withstanding voltage: 500 VAC/minute
- Durability: 10,000 cycles

- \* Refer to "General Instruction and Notice when using Terminals and Connectors" at the end of this catalog.
- \* Contact JST for details.
- \* Compliant with RoHS.

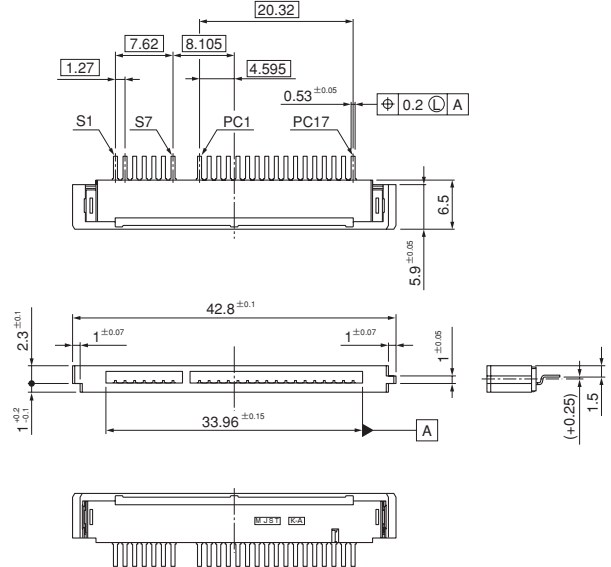
# CFF CONNECTOR

## Card connector

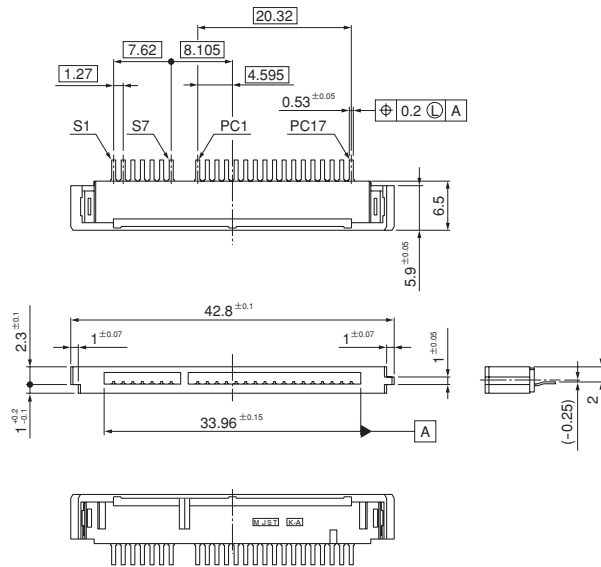
Offset -0.25 mm (With GND spring)



Offset +0.25 mm (With GND spring)



Offset -0.25 mm (Without GND spring)

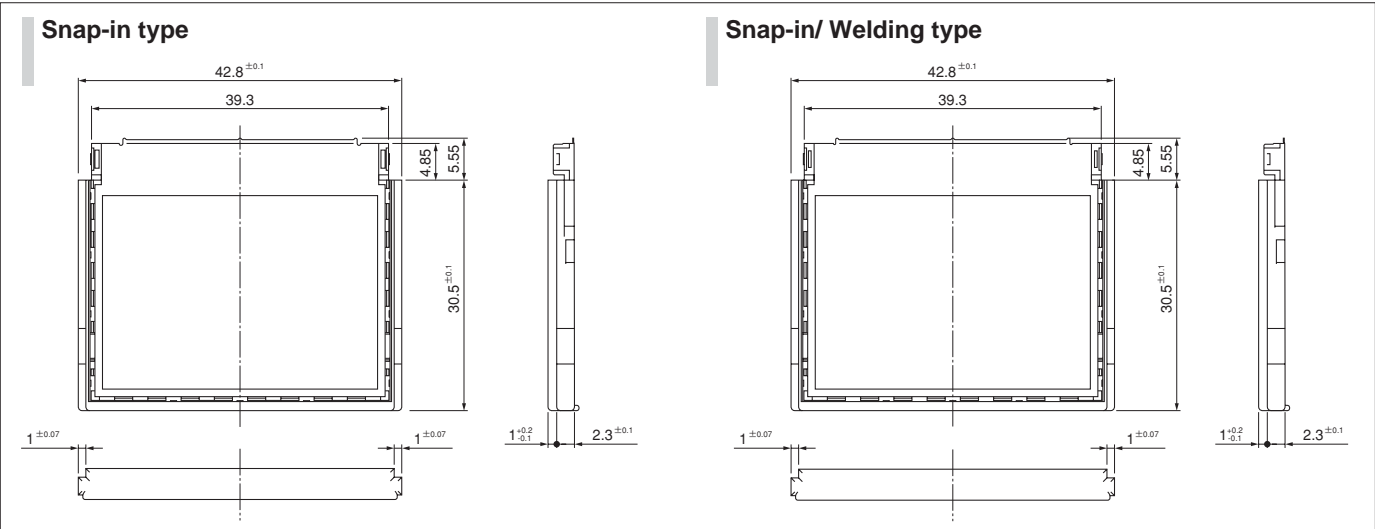


Circuits	Offset dimension	GND spring	Model No.	Q'ty/reel	Material and Finish
24	-0.25 mm	With	<b>CFF-CC24S-1521-GB25T</b>	1,500	Contact: Copper alloy, nickel-undercoated, Mating part; gold-plated Solder tail; tin-plated (reflow treatment)
		Without	<b>CFF-CC24S-1521-NB25T</b>	1,500	Grounding spring: Copper alloy, nickel-undercoated, Mating part; gold-plated
	+0.25 mm	With	<b>CFF-CC24S-1521-GT25T</b>	1,500	Housing: Plastic, UL94V-0, black

**RoHS compliance** This product displays (LF)(SN) on a label.

# CFF CONNECTOR

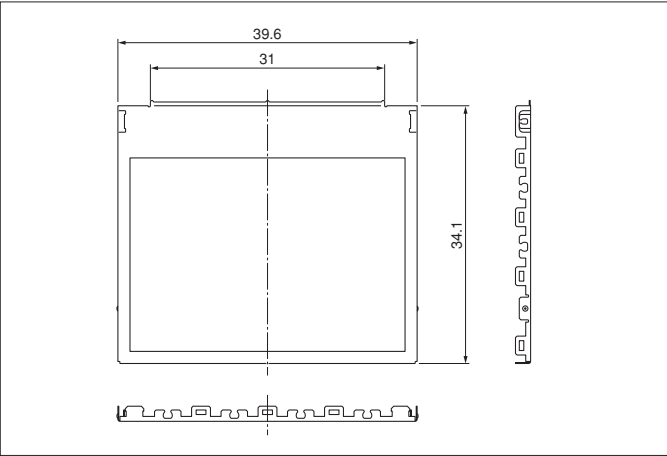
## Top cover for Type I card



Type	Model No.	Q'ty/box	Material
Snap-in type	CFF-FT1S-11FM	1,344	Top cover : Stainless steel, Insulated film: PET Frame: Plastic, UL94V-0, black
Snap-in/ Welding type	CFF-FT1U-11FM		

RoHS compliance

## Bottom cover

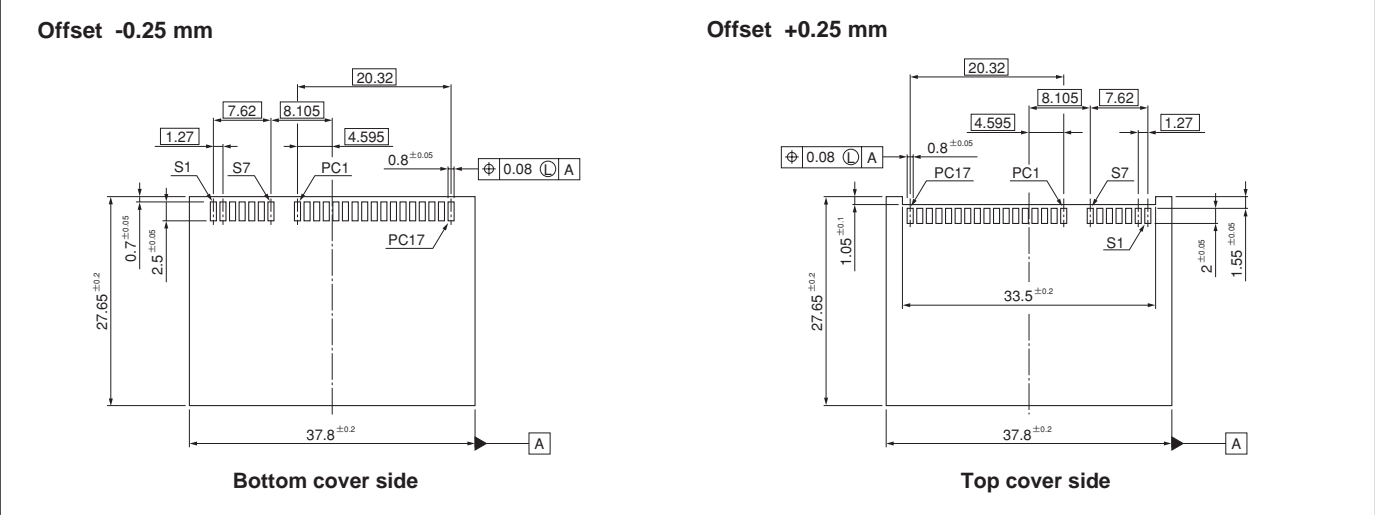


Circuits	Model No.	Q'ty/box
Snap-in type	CFF-FBU-12FM	1,344
Snap-in/ Welding type		

Material
Top cover : Stainless steel Insulated film: PET

RoHS compliance

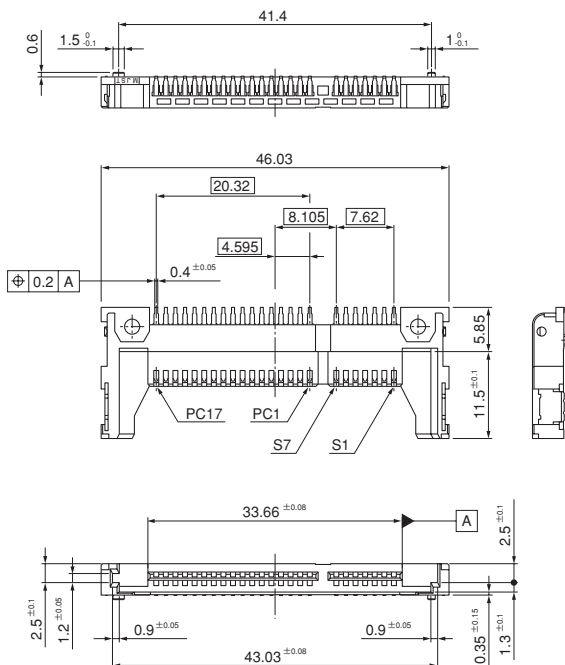
## Card connector PC board layout



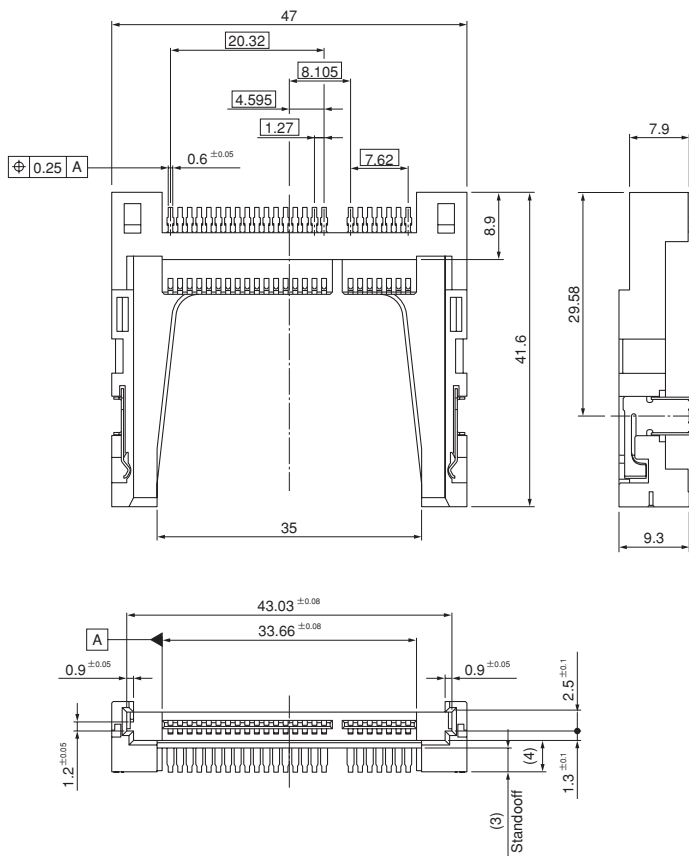
## Host connector

### Normal type

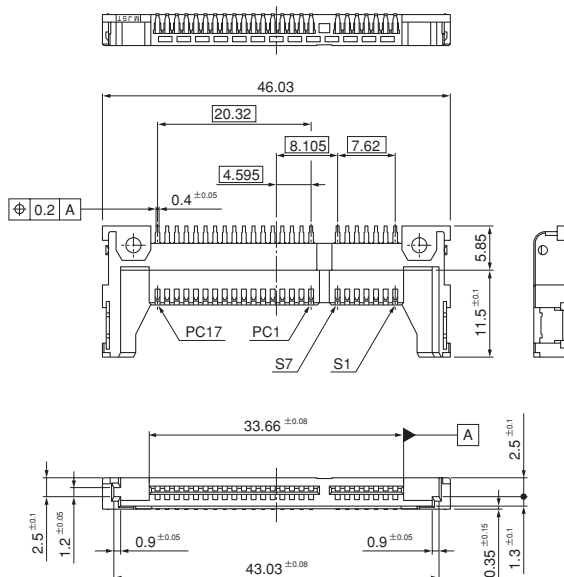
#### Standoff 0 mm (With boss)



#### Standoff 3 mm (Without boss)



#### Standoff 0 mm (Without boss)

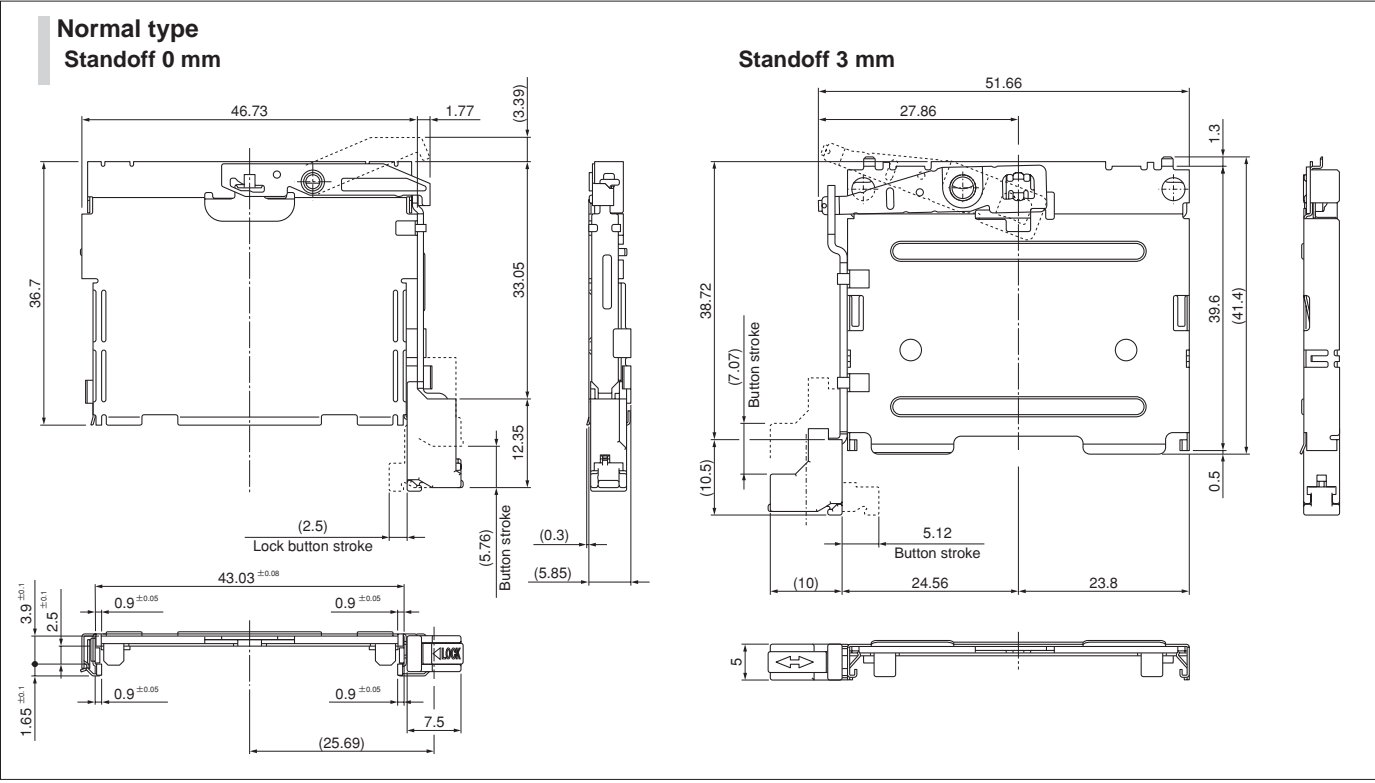


Circuits	Standoff	Boss	Model No.	Q'ty	Material and Finish
24	0 mm	With	CFF-HC24S-S352-N120T	700 (reel)	Contact: Copper alloy, nickel-undercoated, Mating part; gold-plated Solder tail; tin-plated (reflow treatment) Reinforcing: Copper alloy, nickel-undercoated, tin-plated (reflow treatment) Housing: Plastic, UL94V-0, black
		With	CFF-HC24S-S352-N120T1	100 (reel)	
	3 mm	Without	CFF-HC24S-S352-N130T	700 (reel)	
		Without	CFF-HC24SG-S352-N133A	480 (box)	
		Without	CFF-HC24SG-S352-N133AR1	75 (box)	

RoHS compliance This product displays (LF)(SN) on a label.

# CFF CONNECTOR

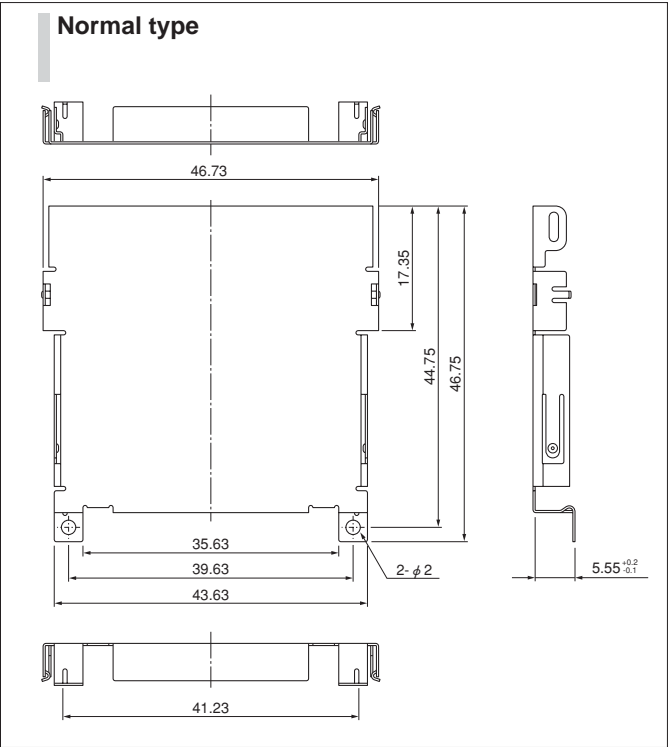
## Ejector



Standoff	Button position	Model No.	Q'ty/box	Material and Finish
0 mm	Right button	CFF-EP2R-NS11B	630	Frame: Stainless steel Standoff 0 mm type; Solder tail; tin-plated (reflow treatment) Push button: Plastic, UL94HB, black Lock button: Plastic, UL94HB, gray
		CFF-EP2R-NS11BR1	105	
3 mm	Left button	CFF-EP2L-NL10B	528	
		CFF-EP2L-NL10BR1	96	

**RoHS compliance** Standoff 0 mm type product displays (LF)(SN) on a label.

## Hold cover



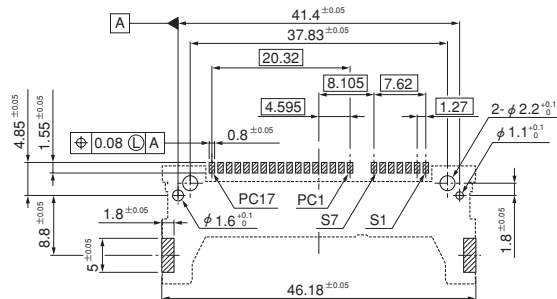
Standoff	GND spring	Model No.	Q'ty/box
0 mm	With	CFF-NE2-NS1C	690
		CFF-NE2-NS1CR1	120

Material			
Frame: Stainless steel			

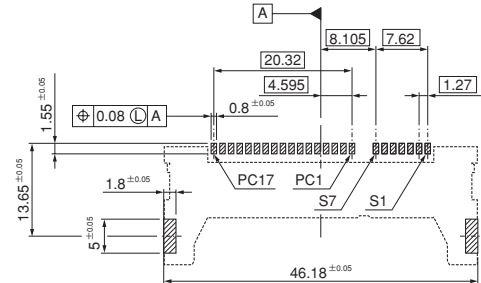
**RoHS compliance**

### Host connector PC board layout

**Standoff 0 mm (With boss)**

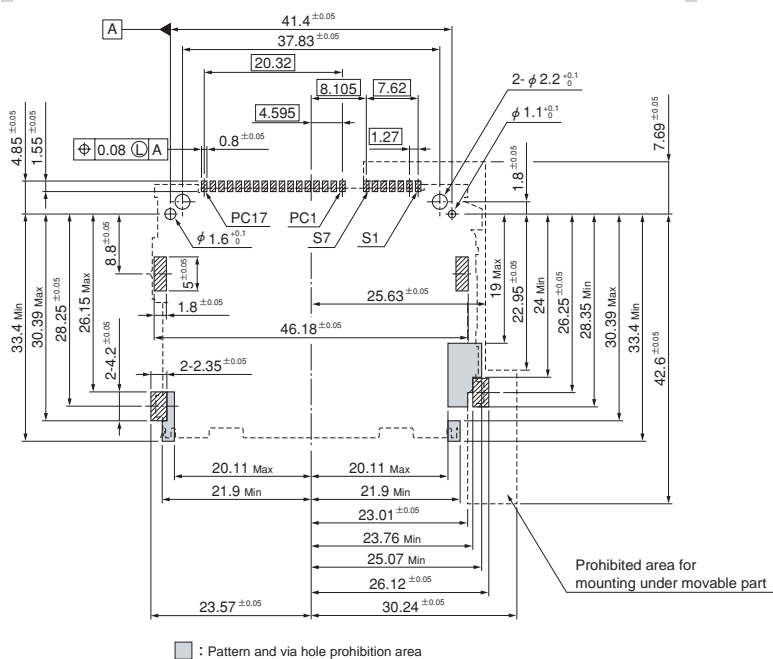


### Standoff 0 mm (Without boss)



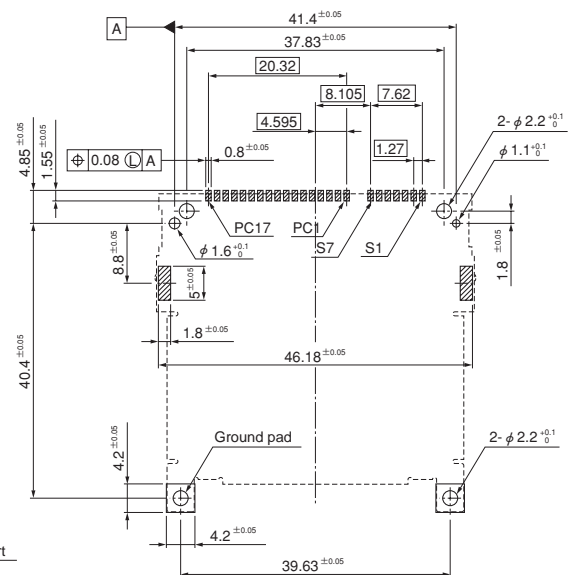
## Ejector

**Standoff 0 mm (With boss)**

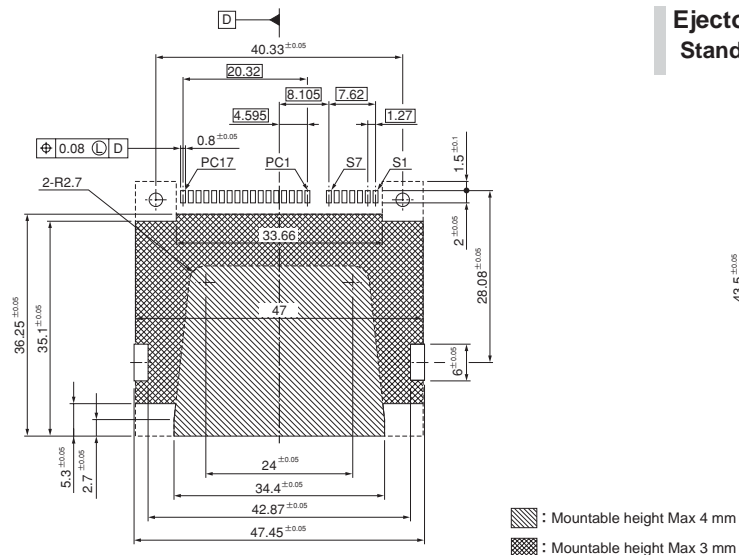


**Hold cover**

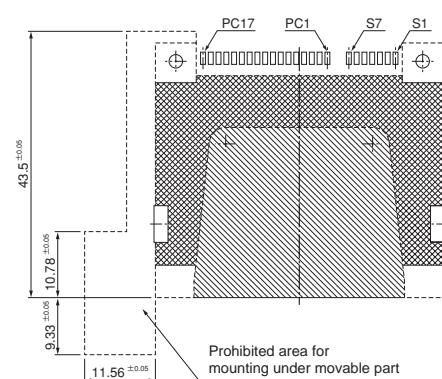
### Standoff 0 mm (Without boss)



**Standoff 3 mm**



**Ejector**  
**Standoff 3 mm**



### Recommended PC board layout