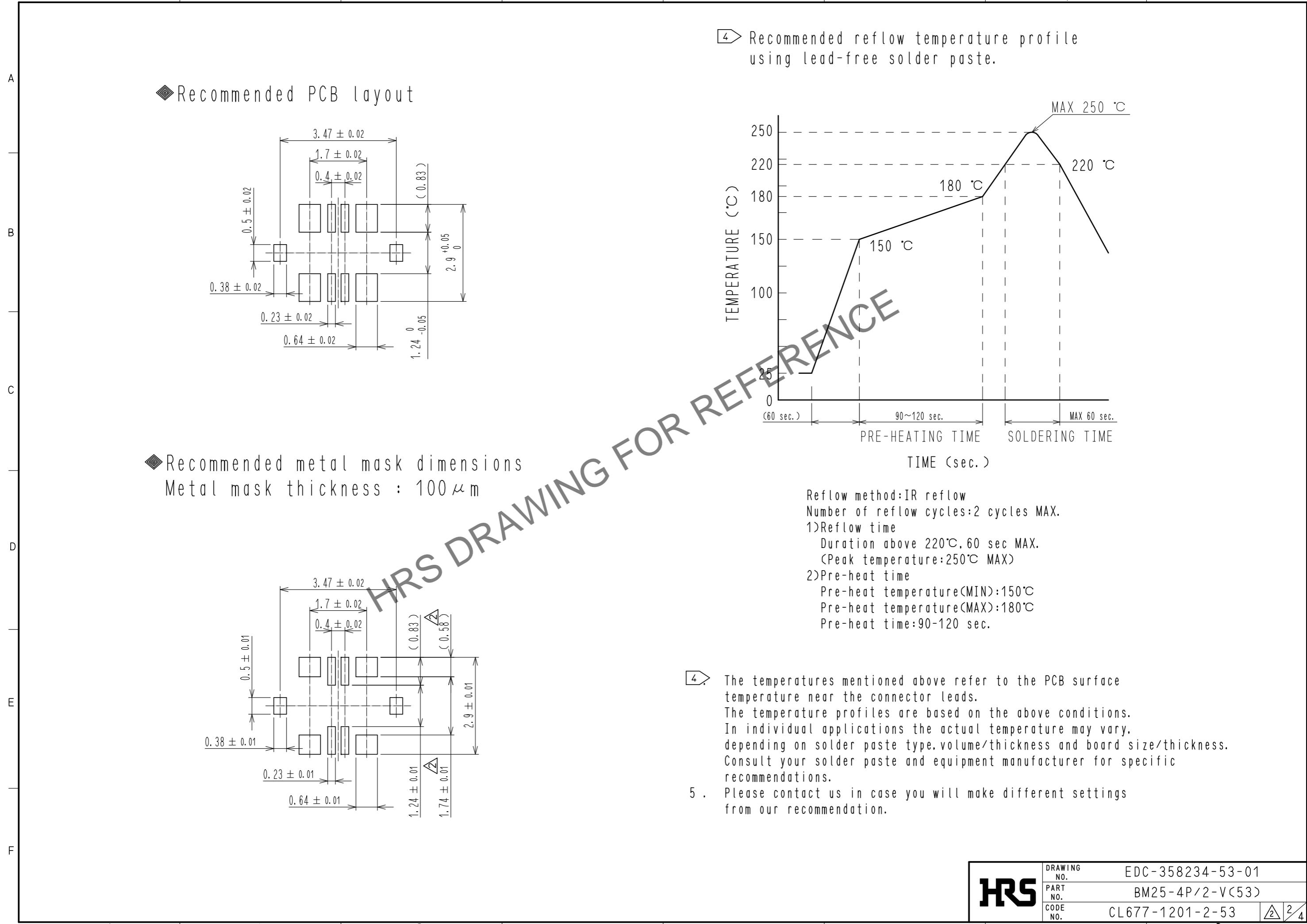
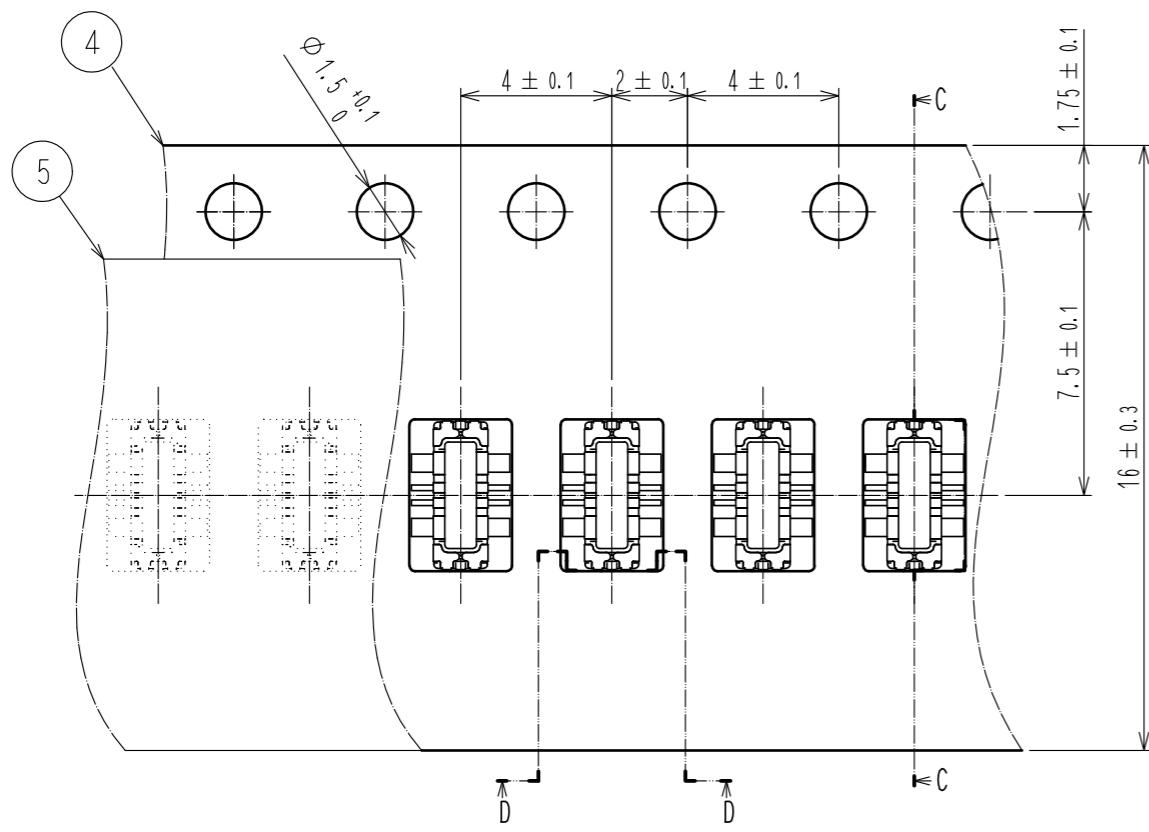


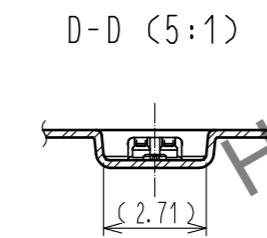
1 | 2 | 3 | 4 | 5 | 6 | 7 | 8



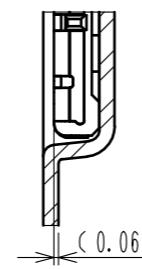
## Embossed carrier tape packaging (5:1)



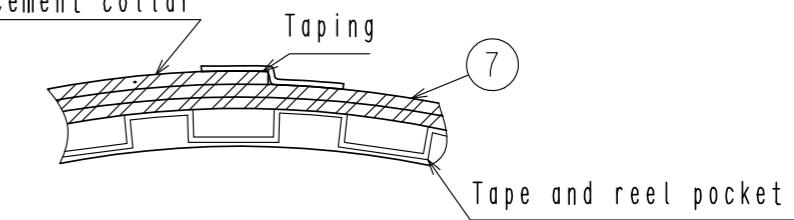
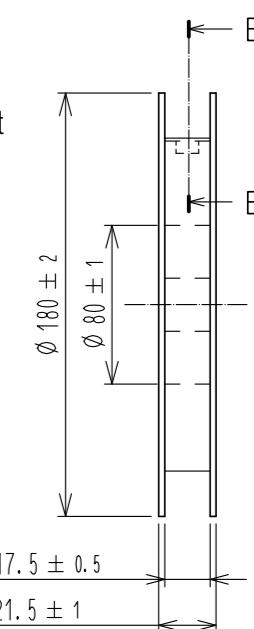
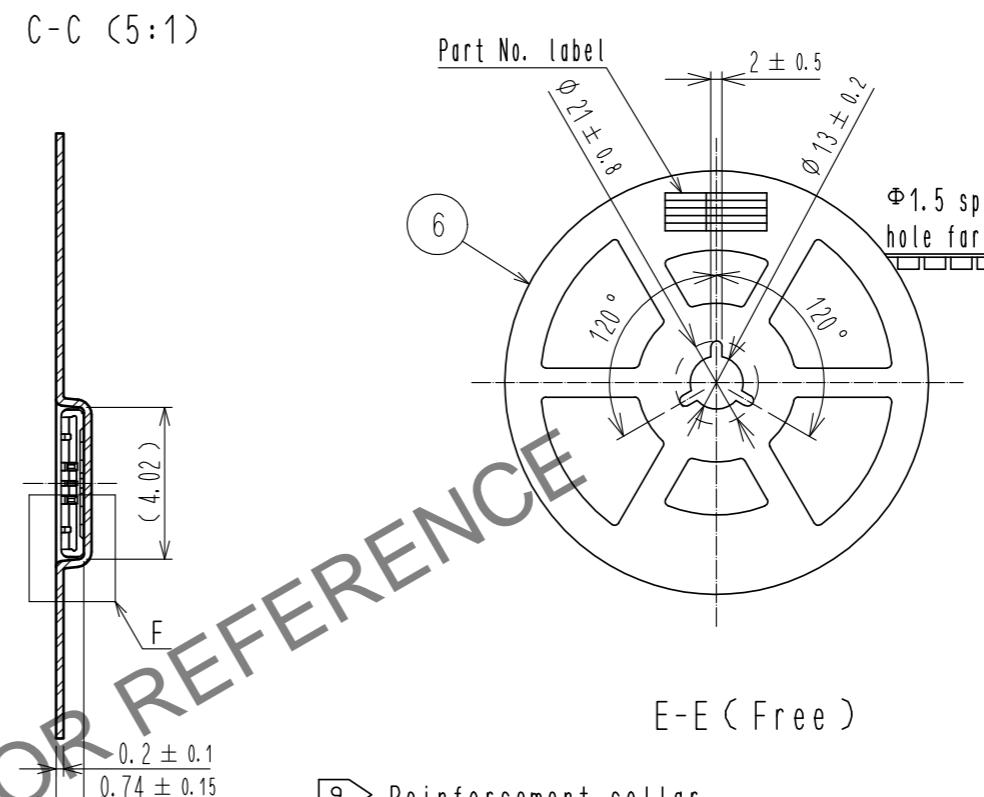
### Direction of unreeling



F (10:1)



### Style and dimension of reel (Free)

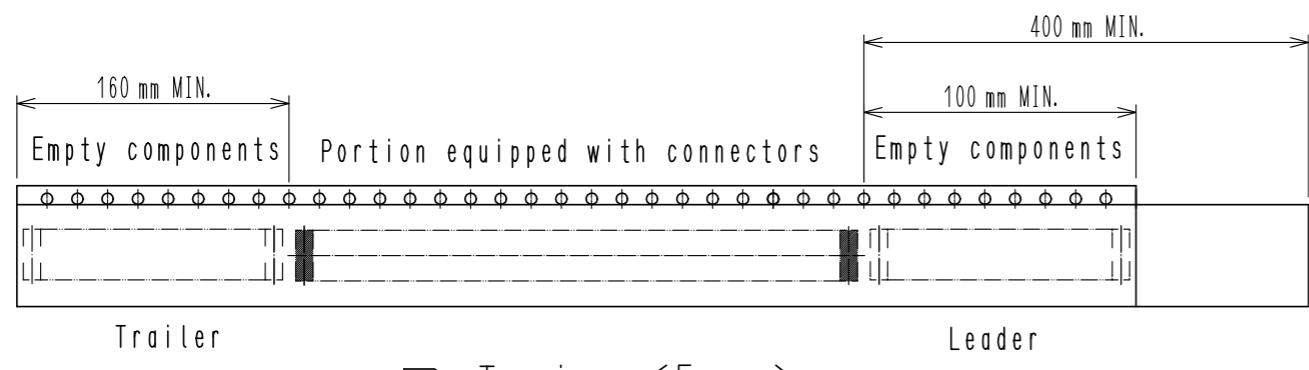


### Detail of part No. label

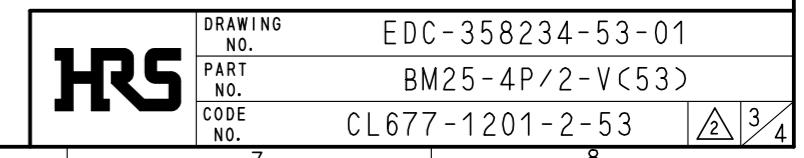
製造年月日	** * * *
製品コード	CL0677-1201-2-53
製品名	BM25-4P/2-V(53)
数量	1,000
納入者	ヒロセ電機(株)

Data of manufactured  
Code No.  
Part No.  
Quantity  
Supplier

- 6 . Per reel 1,000 connectors.
- 7 . The dimensions in parentheses are for reference.
- 8** . Refer to JIS C 0806 and IEC60286-3  
(Packaging of components for automatic handling)
- 9** . Wrap a reinforcing collar made by polystyrene  
to the surface of emboss reel at the termination side  
in order to protect emboss carrier tape, top cover tape.



## 8 Taping (Free)



A

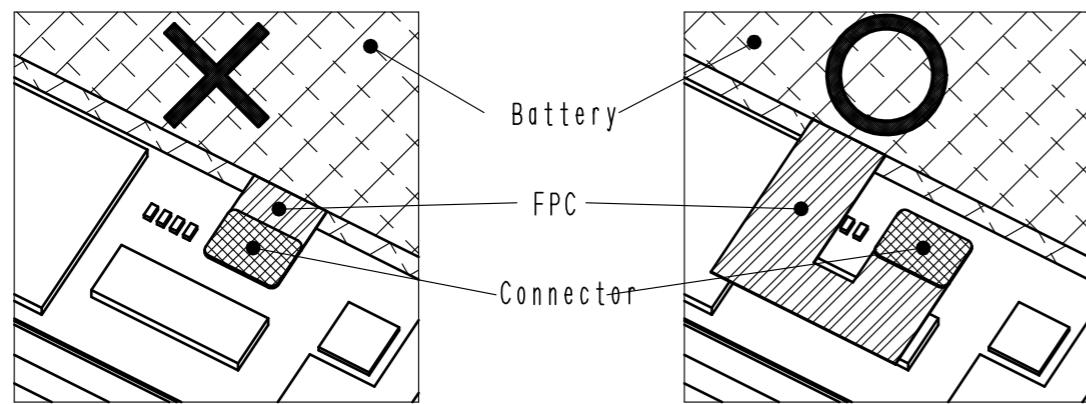


### ■ How to draw the FPC

BM25 series connector is intended to carry 10A electrical current for battery application. FPC may have less flexibility than usual, since the copper foil becomes wider and thicker to carry current of 10A.

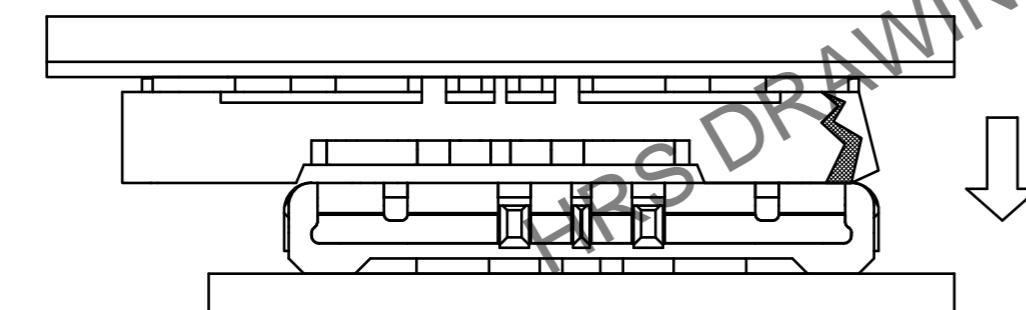
Please design the FPC to have a flexibility to absorb the displacement\* of the connector caused by fixing PCB and battery.

B

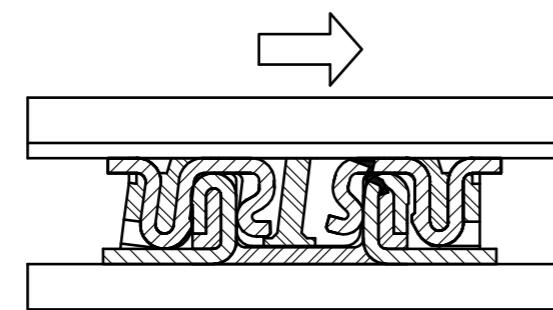


\*Possible problems caused by connector mating in incorrect positioning.  
Mating the connector in incorrect positioning could lose the function of the connector.

① Insulator could be broken.



② It could apply excessive mechanical stress to single side of the contact.

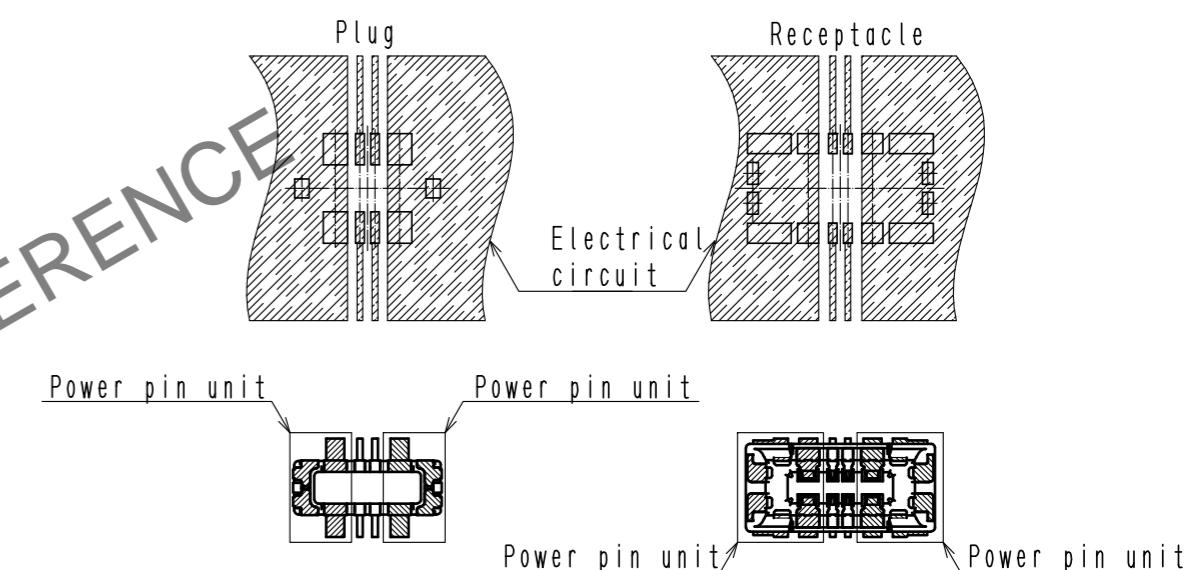


A

### ■ How to draw the electrical circuit

As shown in the figure below, each power supply unit including the lock metal fitting has to be mounted on the same PCB circuit.

### ◆ Recommended electrical circuit layout



F

B

C

D

E

F