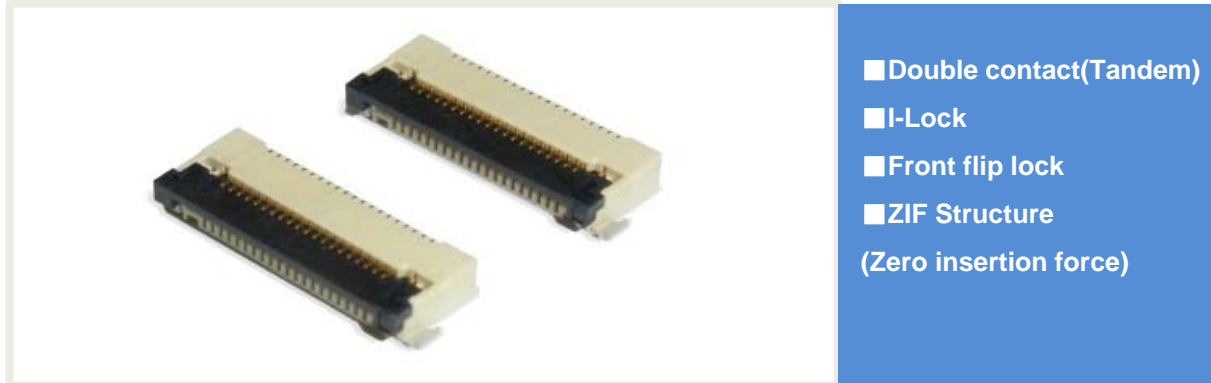


# 12001 SERIES

*0.5mm pitch FPC/FFC conn. Tandem contact, flip type Connectors*



12001 series is 0.5mm pitch SMT, right angle(bottom contact) type FPC/FFC connector. IRISO original "I-Lock" design prevents a dropout of FPC/FFC card and makes good tactile feel to improve workability. Contact is dual contact points system which is good solution for contact contamination by foreign material and flux which contaminate the contacts in the production processes.

If one or the other of the contact runs on the contamination, either one or the other keep contacting.

## Features

- Improve the contact reliability by "Double contact(Tandem)" design.
- It can be kept contact by independent double contact springs even if one or the other contact runs on a foreign material.
- Improve the workability and the card retention force by I-Lock structure.

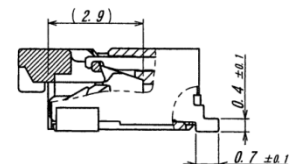
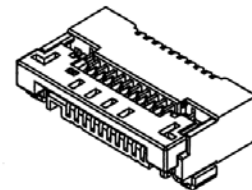
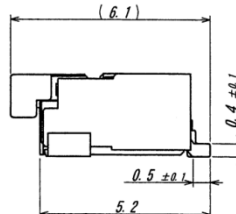
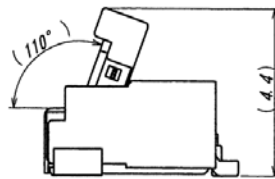
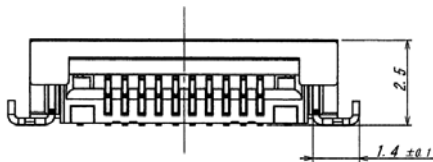
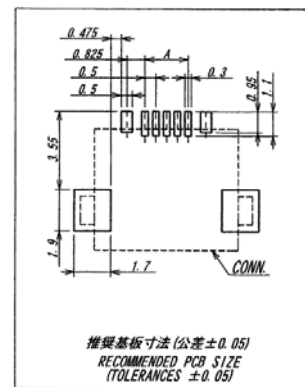
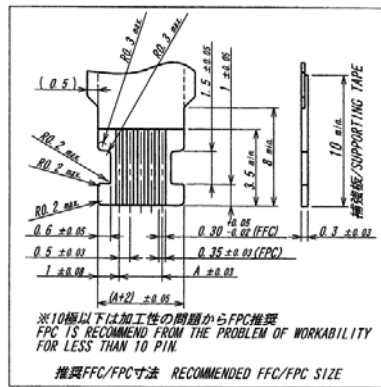
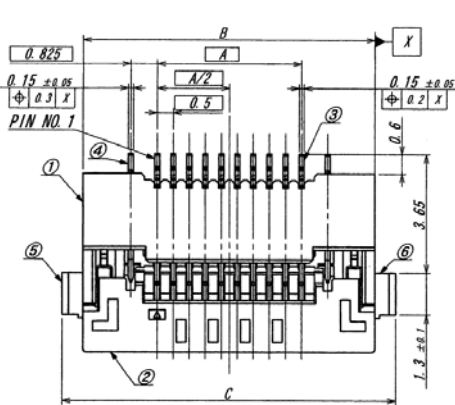
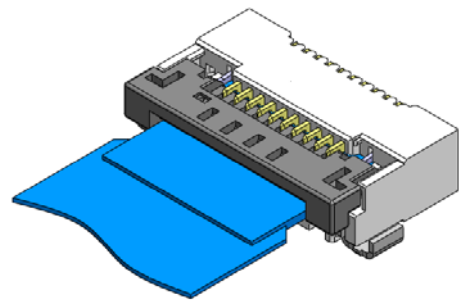
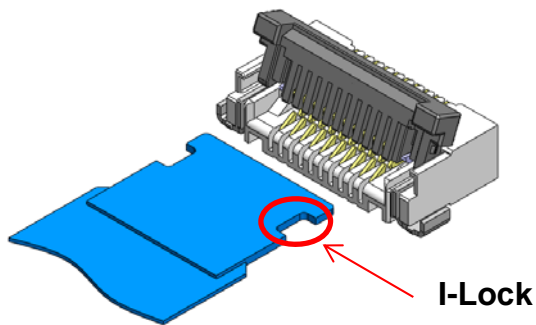
## Specifications

1	Pitch	0.5mm
2	Height	2.5mm
3	CKT	6~60
4	Contact direction	Bottom contact
5	Plating	Signal terminal/Au plating(Ni barrier) Half lock terminal/Au plating(Ni barrier) Melt flange/Sn plating
6	FFC FPC thickness	0.3mm

# 12001 SERIES

## I-Lock Design Feature

- Clear tactile feel
- Provisional card-holding function
- Enhancing card retention force



NOTE  
1. コプラナリティ/COPLANARITY : 0.1MAX.



IRISO U.S.A., INC.  
34405 West Twelve Mile Road, Suite 237 Farmington Hills, MI 48331, U.S.A.  
TEL: 248-324-9780 FAX: 248-324-9783  
<http://www.iriso.co.jp/>

\*Specification is subject to change without prior notice for improving performance of the product and so on.  
\*Dimension and specification described herein are limited to major items. When applying the products, please confirm details on drawing and specification sheets which will be provided upon request.