

FPC Connectors

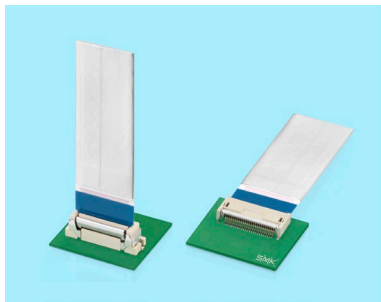
EA-51 Series (0.5mm Pitch)

■ Features

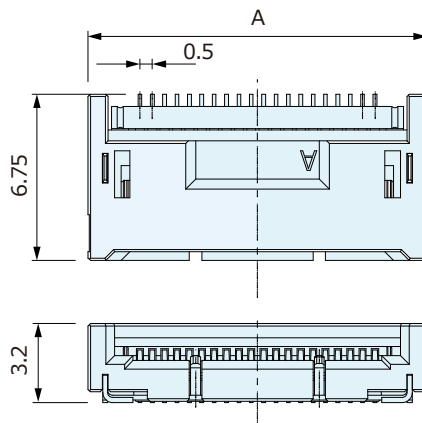
1. One action FPC/FFC lock system suitable for robotic assembly contributes to automation of the manufacturing process.
2. Able to check the condition of FPC/FFC insertion through windows at the top of the connector. (Right angle type only)
3. Since the lever is made of SUS with high rigidity, when the FPC/FFC is pulled out by force, even if the FPC/FFC is broken, the connector itself will not be deformed or broken.
4. Compatible with FPC, FFC, and shielded FPC. (Applicable thickness: Signal 0.3mm/Ground 0.5mm)
5. Pin count :Right Angle Type 20, 25, 30, Vertical Type 25.

■ Specification

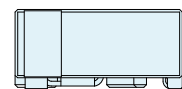
- Pitch :0.5mm
- Contact :Right angle type :Lower Contact, Vertical type :One-sided
- Number of Pins :20,25,30 (Right angle type) , 25 (Vertical type)
- Mounting Height :3.2mm (Right angle type) , 6.35mm (Vertical type)
- Applicable FPC Thickness :0.3mm (Signal) , 0.5mm (Ground)
- Rating :0.4A, 50V AC/DC
- FPC Connection :Non-ZIF
- Contact Resistance :40mΩ max.
- Insulation Resistance :50MΩ min. at 500V DC
- Withstanding Voltage :500V AC (for one minute)
- Operating Temperature Range: -20°C to +80°C



Right Angle Type:CFPC5□□-0101F



| □□ No. of Pins | A |
|-------------------|------|
| 20 | 13.7 |
| 25 | 16.2 |
| 30 | 18.7 |



Vertical Type:CFPC725-0101F

