

FPC/FFC Connectors

0.5mm Pitch One Action FPC/FFC Connector: EA-51 Series

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.

Specifications

• Pitch : 0.5mm

Number of Pins : 20,25,30 (Right angle type), 25 (Vertical type)

• Contact : Lower Contact (Right angle type), One-sided (Vertical type)

Mounting Height : 3.2mm (Right angle type), 6.35mm (Vertical type)

Applicable FPC Thickness: 0.3mm (Signal), 0.5mm (Ground)

FPC Connection : Non-ZIF

Rating : 50V AC/DC, 0.4A

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





