SFW-S Series

1.00MM ZIF STRAIGHT FFC-FPC CONNECTOR

ZIF FFC-FPC Connector series with top and bottom contact type. These surface mount connectors feature a height of 5.30mm and are offered in 4 to 30 contacts. SFW series connectors have a proven track record in automotive, data, industrial, telecommunications, consumer, and medical application equipment.

- Easy to operate and strong FFC/FPC retention makes it vibration-proof
- Ensures high solderability and high durability
- Operating temperature range of -55°C to +105°C



FEATURES

- ZIF (Zero Insertion Force) mechanism
- Easy cable operation
- Flat surface on the top of connector for pick and place
- Design against solder and flux wicking
- High-temperature, dimensional stable thermoplastic housing
- 4 to 30 positions available
- Lead and halogen-free

BENEFITS

- Stress free mating provides high number of mating cycles
- Simple action and strong FFC/FPC retention ensures contact stability
- No need of accessories such as tape or caps to attach the connector
- Ensures high solderability
- Covers general operating temperature range of -55°C to +105°C
- Supports many applications as a general-purpose product
- Meet environmental, healthy and safety requirement

TECHNICAL INFORMATION

MATERIAL

■ Housing: LCP, natural color (UL94V-0)

• Contact: Phosphor bronze

■ Tab: Brass

MECHANICAL PERFORMANCE

• FFC/FPC Retention Force: 0.68N/contact min.(Tin)

• Durability: 20 mating cycles

ELECTRICAL PERFORMANCE

• Voltage Rating: 100V A.C./D.C.

• Current Rating: 1.0A A.C./D.C.

Contact Resistance: 30mΩ max.(initial value)

• Insulation Resistance: 500M Ω min.

 Dielectric Withstanding Voltage: No short or breakdown after 500V A.C., 1mA, 1min.

ENVIRONMENTAL

• Operating Temperature Range: -55°C to +105°C

APPROVALS & CERTIFICATION

• RoHS compliant

PACKAGING

■ Tape & Reel

SPECIFICATIONS

Orientation: Straight

• Cable Termination: ZIF

Cable Type: FFC/ FPC/ CIC

• Board Termination: Surface mount

■ Height: 5.30mm

• Lead-free tin plating

TARGET MARKETS/APPLICATIONS



Car Multimedia Car Navigation Dashboard Lighting



Gaming LCD & OLED Displays



Base Station Switches Controllers Storage



Controllers HMI Vending Machines PLC

Drives



Ultrasonic Patient Monitor MRI

CT.

Infusion Pump Hospital Bed

PART NUMBER SELECTOR

