

HFW-S Series

1.00MM NON-ZIF STRAIGHT FFC-FPC CONNECTOR

Non-ZIF FFC-FPC Connector series, surface mount with a height of 5.3mm and 4 to 32 contacts. HFW 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



TARGET MARKETS



FEATURES

- Non-ZIF (Zero Insertion Force) mechanism
- Design against solder and flux wicking
- High-temperature, dimensional stable thermoplastic housing
- 4 to 30 positions available
- Lead and halogen-free

BENEFITS

- Achieves simple operation and stable contact with FFC/FPC
- 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: 0.35N/contact min. (Tin)
- Durability: 10 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: 500MΩ 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: Vertical options
- Cable Termination: Non-ZIF
- Cable Type: FFC/ FPC/ CIC
- Board Termination: Surface mount
- Height: 5.3mm
- Lead-free matte tin plating

TARGET MARKETS/APPLICATIONS



Car Multimedia
Car Navigation
Dashboard
Lighting



Gaming
LCD & OLED Displays



Base Station
Switches
Controllers
Storage

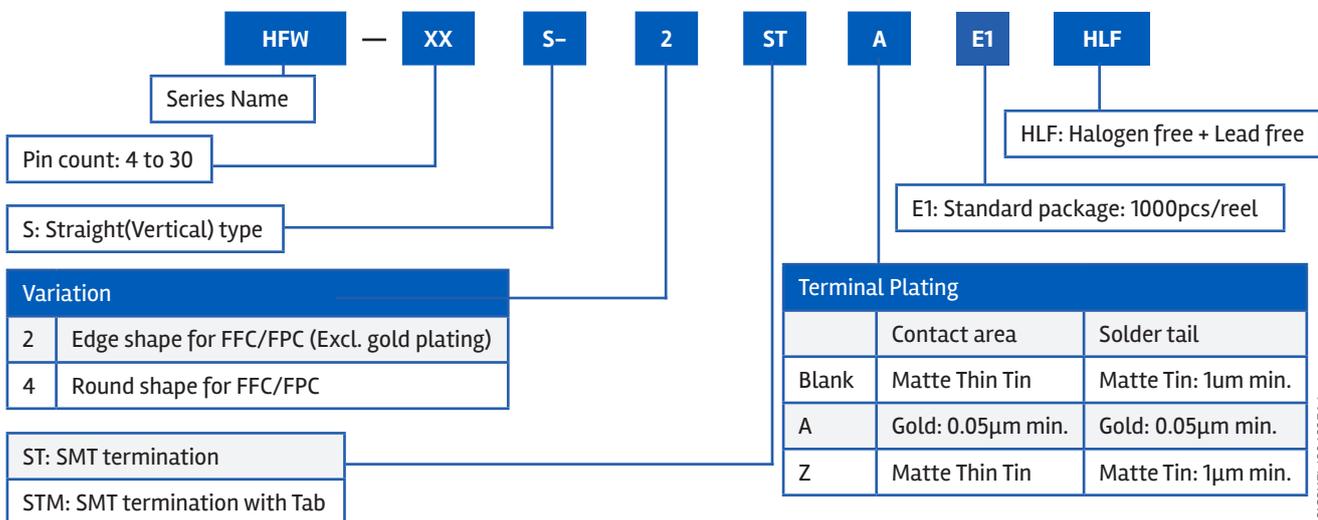


Controllers
HMI
Vending Machines
PLC
Drives



Ultrasonic
Patient Monitor
MRI
CT
Infusion Pump
Hospital Bed

PART NUMBER SELECTOR



BASICSHFW5042EA4