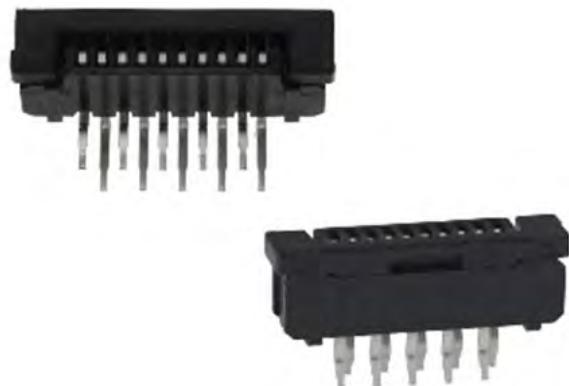


## SLW Series

### 1.00MM ZIF RIGHT-ANGLE AND STRAIGHT FFC-FPC CONNECTOR

ZIF FFC-FPC Connector series with top and bottom contact type. These through hole connectors feature a height of 4.00mm for Right-Angle and 5.50mm for Straight type, with 4 to 32 contacts. HLW 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 +85°C



#### TARGET MARKETS



#### FEATURES

- ZIF (Zero Insertion Force) mechanism
- Easy cable operation
- Design against solder and flux wicking
- High-temperature, dimensional stable thermoplastic housing
- 4 to 32 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
- Ensures high solderability
- Covers general operating temperature range of -55°C to +85°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: 0.49N/contact min.
- 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 +85°C

### APPROVALS & CERTIFICATION

- RoHS compliant

### SPECIFICATIONS

- Orientation: Right-angle and straight
- Cable Termination: ZIF
- Cable Type: FFC/ FPC
- Board Termination: Through hole (DIP)
- Contact Location: Bottom
- Height: 4.0mm (Right-angle) and 5.5mm (straight)
- Lead-free tin plating

### TARGET MARKETS/APPLICATIONS



Car Multimedia  
Car Navigation  
Dashboard  
Lighting



Gaming  
LCD & OLED Displays



Base Station  
Switches  
Controllers  
Storage

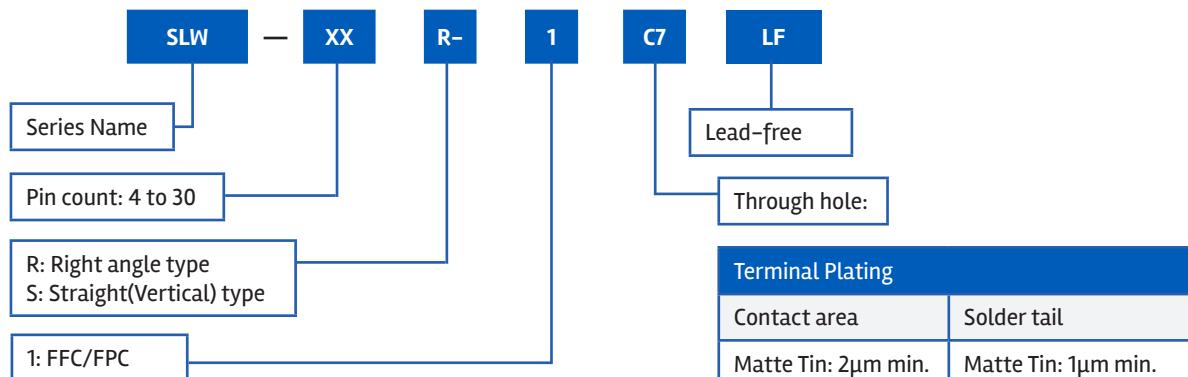


Controllers  
HMI  
Vending Machines  
PLC  
Drives



Ultrasonic  
Patient Monitor  
MRI  
CT  
Infusion Pump  
Hospital Bed

## PART NUMBER SELECTOR



# Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

[Amphenol:](#)

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[SLW18S-1C7LF](#) [SLW19S-1C7LF](#) [SLW20R-1C7LF](#) [SLW20S-1C7LF](#) [SLW21S-1C7LF](#) [SLW22R-1C7LF](#) [SLW22S-1C7LF](#) [SLW24R-1C7LF](#) [SLW24S-1C7LF](#) [SLW25R-1C7LF](#) [SLW25S-1C7LF](#) [SLW26R-1C7LF](#) [SLW26S-1C7LF](#)  
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[SLW28R-1C7LF](#) [SLW28S-1C7LF](#) [SLW10S-1C7BLF](#) [SLW14S-1C7BLF](#) [SLW15R-1C7BLF](#) [SLW15S-1C7BLF](#) [SLW20R-1C7BLF](#) [SLW4R-1C7BLF](#) [SLW4S-1C7BLF](#) [SLW7S-1C7BLF](#) [SLW9S-1C7BLF](#) [SLW17R-1C7BLF](#) [SLW17R-1C7LF](#) [SLW27S-1C7LF](#) [SLW17S-1C7LF](#) [SLW13S-1C7LF](#) [SLW23S-1C7LF](#) [SLW9R-1C7LF](#) [SLW19R-1C7LF](#)  
[SLW23R-1C7LF](#) [SLW27R-1C7LF](#) [SLW13R-1C7LF](#) [SLW21R-1C7LF](#) [SLW7R-1C7LF](#) [SLW20S-1C7BLF](#) [SLW11S-1C7BLF](#)