HFW SERIES

1.00mm Pitch

OVERVIEW

FCI, a leader in flex circuit connectors offers the most innovative and complete range of products in the industry. FCI offers products in LIF (low insertion force) and ZIF (zero insertion force), top and bottom contact options, vertical and right angle orientations, surface mount and through hole terminations in contact spacing options all the way down to 0.2mm with finer pitch products on the way.

Additional features, such as optional cable locks and additional mounting devices, insure that FCI has a solution for almost any application, no matter how demanding.

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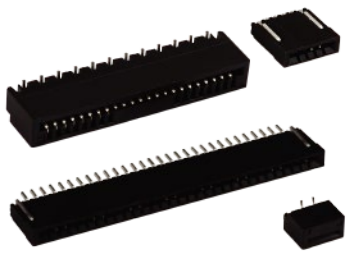
Utilizing 1.00mm contact spacing has become an economical way to circuit connectors in the industry to terminate displays as well as make difficult board to board connections.



FEATURES & BENEFITS

- Versatile, economical connector system with uses in many applications

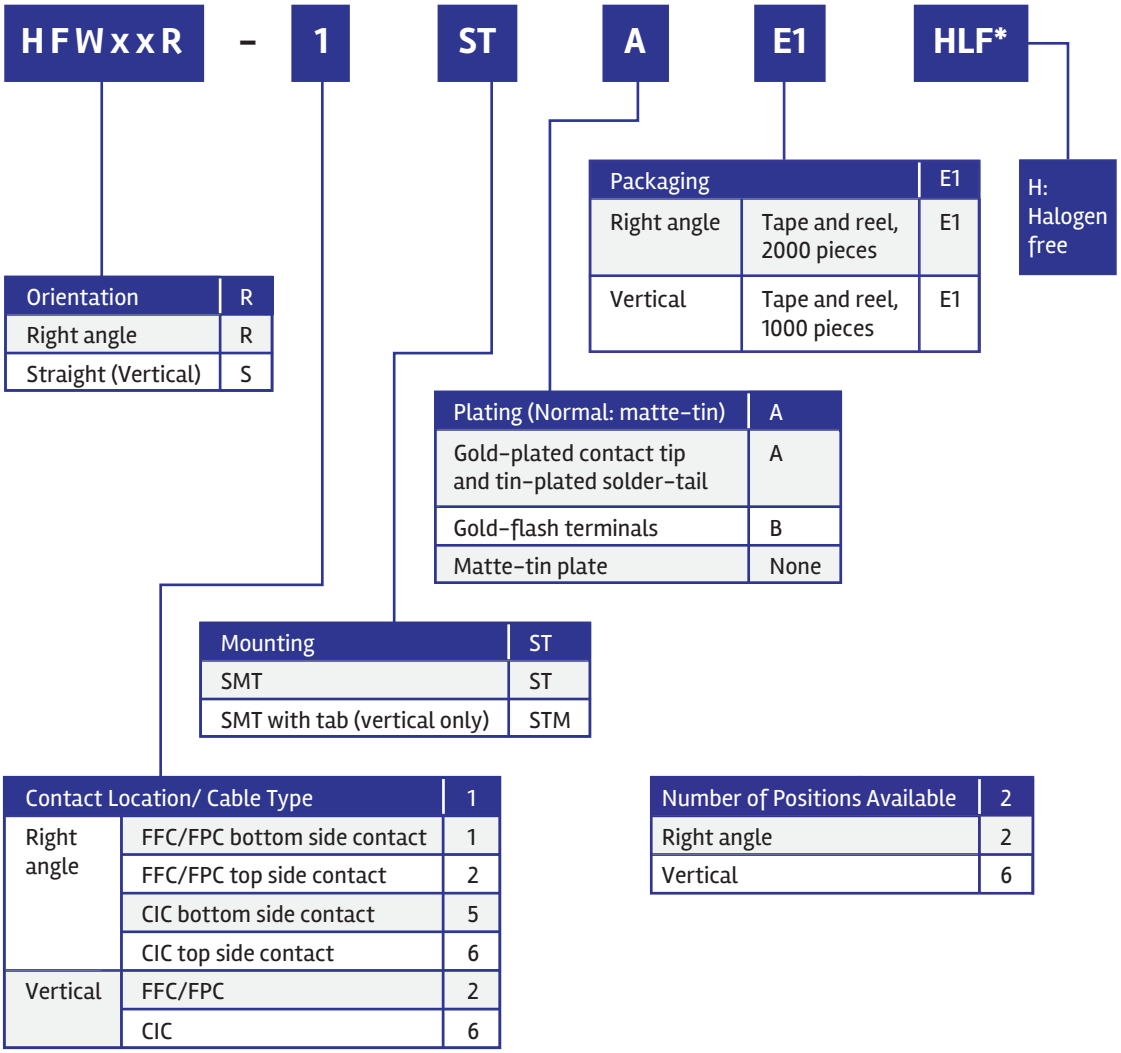
TARGET MARKETS / APPLICATIONS

- Industrial control
- Business & Retail
- Instrumentation
- Brown products
- Printer
- Car multimedia devices
- Mobile device

TECHNICAL INFORMATION

- Orientation: Right angle and vertical options
- Cable Termination: Non- ZIF
- Cable type: FFC/ FPC/ CIC
- Board Termination: Surface mount
- Contact location: Top & Bottom
- Height: 1.9mm right angle, 5.3m vertical
- Available in lead-free matte tin and gold-flash plating

PART NUMBER



Orientation	R
Right angle	R
Straight (Vertical)	S

Packaging		E1
Right angle	Tape and reel, 2000 pieces	E1
Vertical	Tape and reel, 1000 pieces	E1

H: Halogen free

Plating (Normal: matte-tin)	A
Gold-plated contact tip and tin-plated solder-tail	A
Gold-flash terminals	B
Matte-tin plate	None

Mounting	ST
SMT	ST
SMT with tab (vertical only)	STM

Contact Location/ Cable Type		1
Right angle	FFC/FPC bottom side contact	1
	FFC/FPC top side contact	2
	CIC bottom side contact	5
	CIC top side contact	6
Vertical	FFC/FPC	2
	CIC	6

Number of Positions Available	2
Right angle	2
Vertical	6

*xx – No. of contacts

FFCHFW0713EA4

For more information,
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HLW SERIES

1.00mm Pitch

OVERVIEW

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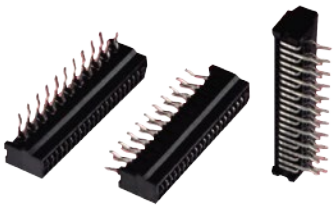

FEATURES & BENEFITS

- Through hole alternative
- Economical connector system

TARGET MARKETS / APPLICATIONS

- Industrial control
- Business & Retail
- Instrumentation
- Brown products
- Printer
- Car multimedia devices
- Mobile device

TECHNICAL INFORMATION

- Orientation: Right angle and vertical options
- Cable Termination: Non– ZIF
- Cable type: FFC/ FPC/ CIC
- Board Termination: Through Hole
- Contact location: Top (right angle), N/A (vertical)
- Height: 3.9mm right angle, 5.9mm vertical
- Lead–free plating available

PART NUMBER

HLWxxR – 2C7LF*

Orientation	R
Right angle	R
Straight (Vertical)	S

Cable Type	2
FFC/FPC	2
CIC	6

Number of Positions Available	2
Right angle	2
Vertical	6

*xx – No. of contacts

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SFW SERIES

1.00mm Pitch

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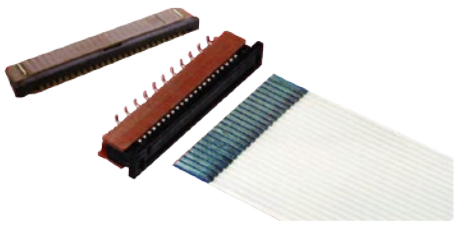

FEATURES & BENEFITS

- Versatile, economical connector system with uses in many applications

TARGET MARKETS / APPLICATIONS

- Industrial control
- Business & Retail
- Instrumentation
- Brown products
- Printer
- Car multimedia devices
- Mobile device

TECHNICAL INFORMATION

- Orientation: Right angle and vertical options
- Cable Termination: Non– ZIF
- Cable type: FFC/ FPC/ CIC
- Board Termination: Surface mount
- Contact location: Right angle and vertical options
- Height: 2.7mm right angle, 5.3m vertical
- Available in lead–free matte tin and gold–flash plating option
- Optional cable lock (Right Angle)

PART NUMBER

Number of Positions Available		Part Number
Right angle	4 – 30	SFWxxR–1STAE1LF*
Vertical	4, 5, 6, 8, 10, 11, 12, 14, 15, 16, 17, 18, 20, 22, 23, 24, 26, 28, 30	

*xx – No. of contacts

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SLW SERIES

1.00mm Pitch

OVERVIEW

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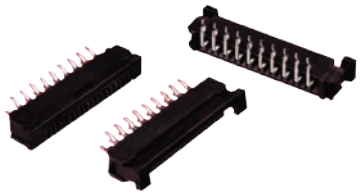

FEATURES & BENEFITS

- Versatile, economical connector system with uses in many applications

TARGET MARKETS / APPLICATIONS

- Industrial control
- Business & Retail
- Instrumentation
- Brown products
- Printer
- Car multimedia devices
- Mobile device

TECHNICAL INFORMATION

- Orientation: Right angle and vertical options
- Cable Termination: ZIF
- Cable type: FFC/ FPC/ CIC
- Board Termination: Through hole
- Contact location: Bottom
- Height: 4.0mm right angle, 5.5mm vertical
- Lead-free plating available

PART NUMBER

Number of Positions Available	Part Number
4 – 30	SLWxxR-1C7LF*

*xx – No. of contacts

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