



▶ **ELECTRONICS**

**CONNECTORS FOR FLEXIBLE CIRCUITRY**  
**FFC/FPC/CIC**

## FCI: SETTING THE STANDARD FOR CONNECTORS

With operations in 30 countries, FCI is a leading manufacturer of connectors.

Our 14,200 employees are committed to providing customers with high-quality, innovative products for a wide range of consumer and industrial applications.

## INTRODUCTION

You can count on FCI, as a leader in flex circuit connectors, for the most innovative and complete range of products in the industry. FCI offers products in ZIF (zero insertion force), LIF (low insertion force) and non-ZIF, upper and down contact options, vertical and right angle orientations, surface mount and through hole terminations in contact spacing options all the way down to 0.3mm with finer pitch products on their 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.

As your connection to innovation, FCI continues to bring you unique solutions that not only give you the footprint you need but help to maximize the quality level of your application. Many of our flex circuit connectors offer ZIF with prehold, which applies a small retention force on the cable to hold it in place until the actuator is locked. FCI introduced the first flex connector with a back side flip actuator that allows the user to insert the flex cable and lock the actuator with one hand. FCI improved that feature on many products by modifying the connector housing to provide visual confirmation that the flex cable is mated properly. FCI was also the company that first brought you the option of an FFC/FPC connector under 1mm in height. These features combine to insure your application has the highest quality possible when it leaves your site.

## 0.3MM PITCH

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## 2.54MM PITCH

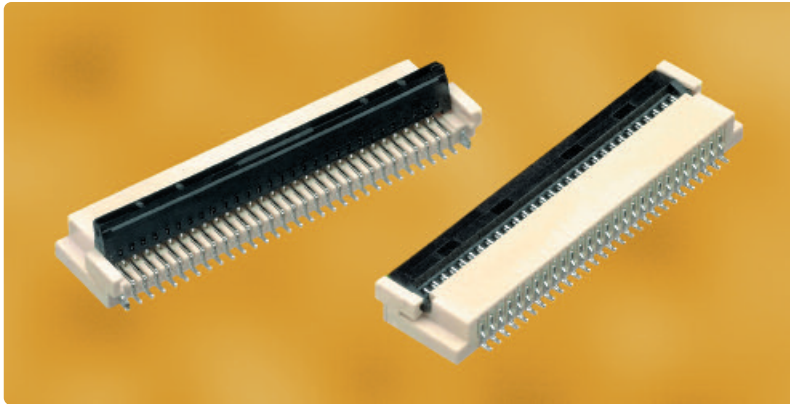
Clincher	18
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# CONNECTOR SELECTION MATRIX

Pitch	Series	Part Number	Height (mm)	Contact Location	ZIF / LIF	Positions Available	
0.3mm	SFY	62789	2.0	Down	LIF	45,51,57,67	
	SFYL-D	10013057	1.2	Down	LIF	17,21,25,29,31,35,45	
	SFYL-U	10017251	1.2	Upper	LIF	11,15,19,23,25,27,31,39, 41,45,51	
	YLL-D	10061122	0.9	Down	ZIF	13,15,17,21,25,33,35,39,41	
	YLL-U	10064555	0.9	Upper	LIF	15,21,23,27,31,33,35,37, 39,41	
0.4mm	GLH	10051806	1.2	Down	ZIF	57, 60	
0.5mm	OPU-D	62684-xx1	2.0	Down	ZIF	40,45,50,55,57	
	OPU-U	62684-xx2	2.0	Upper	ZIF	32,34,36,40,45,50,55,57	
	SFVA	10014265	2.0	Upper and Down	ZIF	60	
	SFVE	10054365	1.2	Upper	ZIF	18,20,24,28,30,35	
	SFVL-D	59453-xx1	0.9	Down	ZIF	4,5,6,7,8,9,12,13	
	SFVL-U	59453-xx2	0.9	Upper	ZIF	4,5,6,8	
	SFV-R	SFVxxR	1.8	Right angle	ZIF	4-35	
	SFV-S	62674	4.1	Vertical	ZIF	8,12,16,20,21,24,25, 26,30,32,33	
	VHC	10085901	2.0	Down	ZIF	60	
	VLH	10042867	1.3	Down	ZIF	40,45,50	
	VLL	10051922	1.2	Down	ZIF	8,10,11,12,14,15,16,18, 20,22,24,26,28,30	
0.8mm	SFR	SFRxxR	2.5	Down	ZIF	4,6,8,10,12,14,16,18, 20,22,24,26,28,30	
1.0mm	HFW-R	HFWxxR	1.9	Right angle	Non-ZIF	4-30	
	HFW-S	HFWxxS	5.3	Vertical	Non-ZIF	4-30,32	
	HLW-R	HLWxxR	3.9	Right angle	Non-ZIF	4-32	
	HLW-S	HLWxxS	5.9	Vertical	Non-ZIF	4-32	
	SFW-R	SFWxxR	2.7	Right angle	ZIF	4-30	
	SFW-S	SFWxxS	5.3	Vertical	ZIF	4,5,6,8,10,11,12,14,15,16,17, 18,20,22,23,24,26,28,30	
	SLW-R	SLWxxR	4.0	Right angle	ZIF	4-30	
	SLW-S	SLWxxS	5.5	Vertical	ZIF	4-30	
1.25mm	SLD-R	SLDxxR	7.0	Right angle	ZIF	4-20,22,24,25,26-40	
	SLD-S	SLDxxS	8.0	Vertical	ZIF	4-20,22-37,39,40	
	SLP-R	SLPxxR	5.0	Right Angle	ZIF	4-10,12-16,20	
	SLP-S	SLPxxS	5.5	Vertical	ZIF	4-16,20	
2.54mm	Clincher	65801	Standard receptacle			2-32	
	Clincher	67516	Receptacle with keying latch			2-16	
	Clincher	10027313	Receptacle with keying feature			6-34	
	Clincher	10022753	Receptacle with keying & active latch			6-34	
	Clincher	66226	Standard plug			3-14	
	Duflex	76785/67013/66987		Contact and housing			

xx - Number of Contacts

## SFY SERIES - 62789



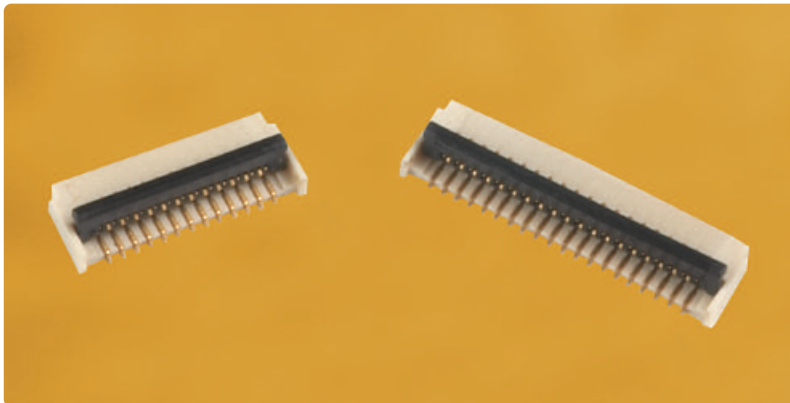
- Orientation: Right Angle
- Cable termination: LIF
- Cable type: FPC
- Board termination: Surface mount
- Contact location: Down
- Height: 2.0mm
- Lead free with gold plating
- Accommodated cable thickness: 0.2mm

- Front flip type actuator makes cable application easy and error free
- Economical fine pitch flex connector

- Application: Mobile phone, brown products, wireless customer premises equipment and mobile device

Part Number	Number of Positions Available
62789-xx1111ALF*	45,51,57,67

## SFYL SERIES – 10013057, 10017251



- Orientation: Right Angle
- Cable termination: LIF
- Cable type: FPC
- Board termination: Surface mount
- Contact location: Upper and down options
- Height: 1.2mm
- Lead free with gold plating
- Accommodated cable thickness: 0.2mm

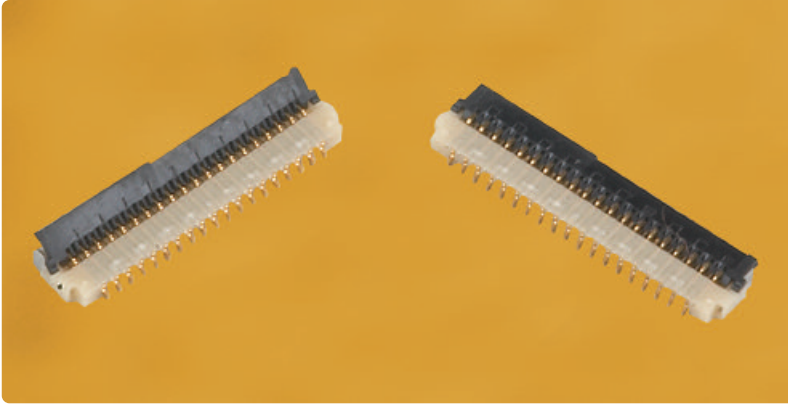
- Front flip type actuator makes cable application easy and error free
- Very low profile for maximum space savings

- Application: Mobile phone, brown products, wireless customer premises equipment and mobile device

Part Number	Number of Positions Available
Upside Contact	
10017251-xx2240ELF*	11,15,19,23,25,27,31,39,41,45,51
Downside Contact	
10013057-xx1200ELF*	17,21,25,29,31,35,45

\*xx - Number of Contacts

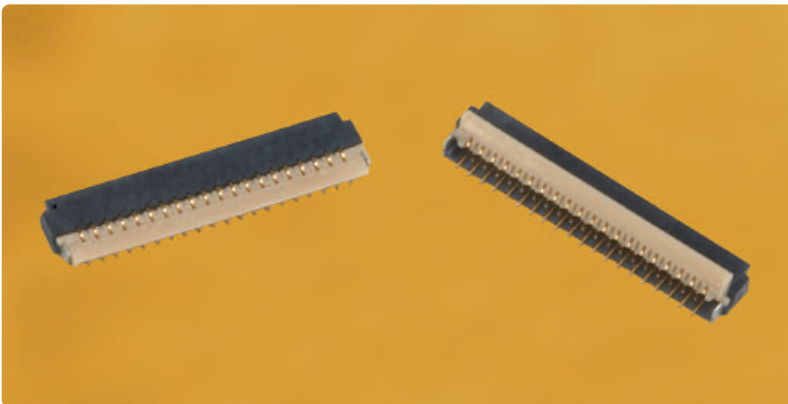
## YLL-D SERIES - 10061122



- ▀ Orientation: Right Angle
  - ▀ Cable termination: ZIF
  - ▀ Cable type: FPC
  - ▀ Board termination: Surface mount
  - ▀ Contact location: Down
  - ▀ Height: 0.9mm
  - ▀ Lead free with gold plating
  - ▀ Accommodated cable thickness: 0.2mm
- ▀ Front flip type actuator makes cable application easy and error free
  - ▀ Very low profile for maximum space savings
- ▀ Application: Mobile phone, brown products, wireless customer premises equipment and mobile device

Part Number	Number of Positions Available
10061122-xx1110ELF*	13,15,17,21,25,33,35,39,41

## YLL-U SERIES - 10064555

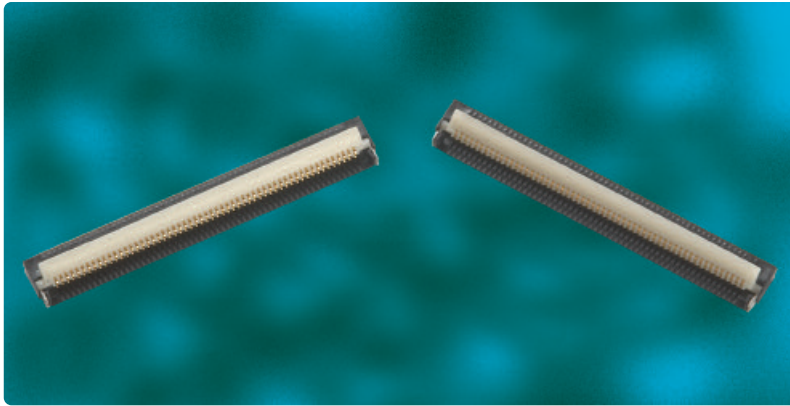


- ▀ Orientation: Right Angle
  - ▀ Cable termination: LIF
  - ▀ Cable type: FPC
  - ▀ Board termination: Surface mount
  - ▀ Contact location: Upper
  - ▀ Height: 0.9mm
  - ▀ Lead free with gold plating
  - ▀ Accommodated cable thickness: 0.2mm
- ▀ Front flip type actuator makes cable application easy and error free
  - ▀ Very low profile for maximum space savings
- ▀ Application: Mobile phone, brown products, wireless customer premises equipment and mobile device

Part Number	Number of Positions Available
10064555-xx2110ELF*	15,21,23,27,31,33,35,37,39,41

\*xx - Number of Contacts

## GLH SERIES - 10051806

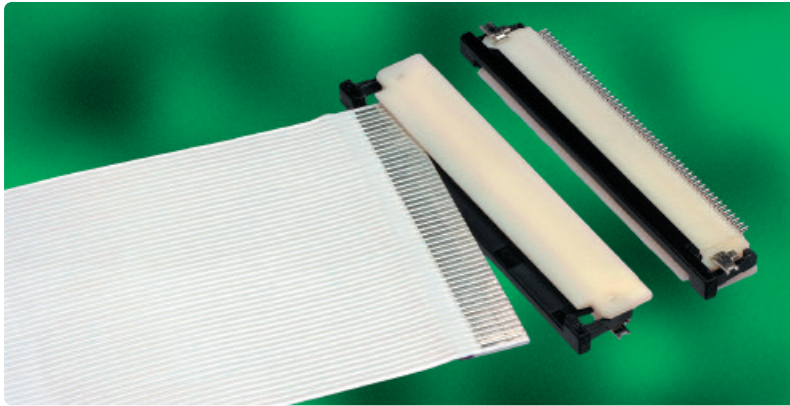


Part Number	Number of Positions Available
10051806-xx15ELF*	57, 60

- Orientation: Right Angle
- Cable termination: ZIF
- Cable type: FFC/FPC
- Board termination: Surface mount
- Contact location: Down
- Height: 1.2mm
- Lead free with gold plating
- Accommodated cable thickness: 0.2mm
- Front flip type actuator makes cable application easy and error free
- Very low profile for maximum space savings
- Application: Mobile phone, PDA, Digital Still/ Video Camera and CD/ DVD drive

\*xx - Number of Contacts

## OPU SERIES - 62684



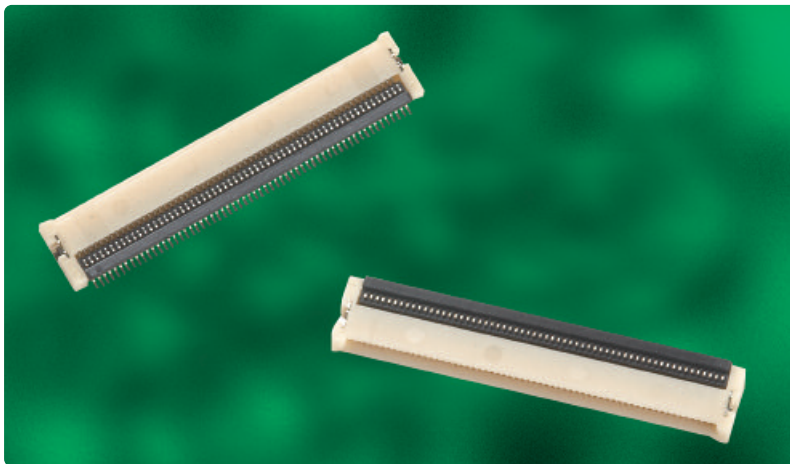
- ▀ Orientation: Right Angle
- ▀ Cable termination: ZIF
- ▀ Cable type: FFC/FPC
- ▀ Board termination: Surface mount
- ▀ Contact location: Upper and down options
- ▀ Height: 2.0mm
- ▀ Lead free with gold plating
- ▀ Accommodated cable thickness: 0.3mm

- ▀ Economical higher pin count flex connector solution
- ▀ Traditional sliding actuator secures cable

- ▀ Application: Mobile phone, brown products, Medical, Industrial and Instrumentation, printer, car multimedia devices and mobile device

Part Number	Number of Positions Available
Upside Contact 62684-xx2100ALF*	32,34,36,40,45,50,55,57
Downside Contact 62684-xx1100ALF*	40,45,50,55,57

## SFVA SERIES - 10014265



- ▀ Orientation: Right Angle
- ▀ Cable termination: ZIF
- ▀ Cable type: FFC/FPC
- ▀ Board termination: Surface mount
- ▀ Contact location: Upper and down options
- ▀ Height: 2.0mm
- ▀ Lead free with gold plating
- ▀ Accommodated cable thickness: 0.3mm

- ▀ Very compact design saves space on the printed circuit board
- ▀ Back flip actuator design makes cable insertion easy

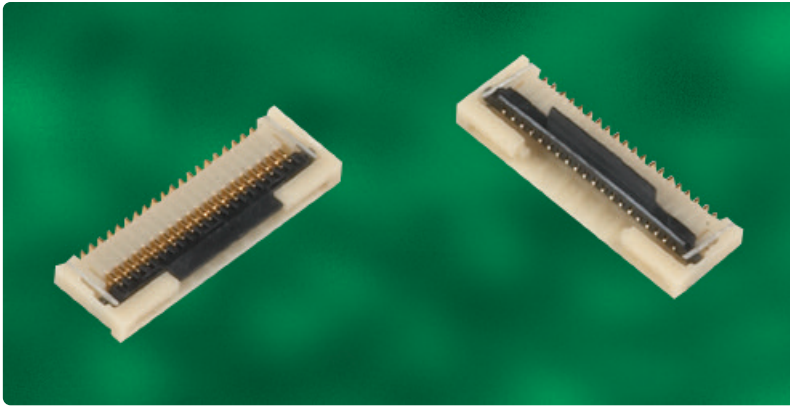
- ▀ Application: Car multimedia devices, brown products, Medical, Industrial and Instrumentation

Part Number	Number of Positions Available
10014265-609100ALF*	60

\*xx - Number of Contacts



**SFVE SERIES - 10054365**



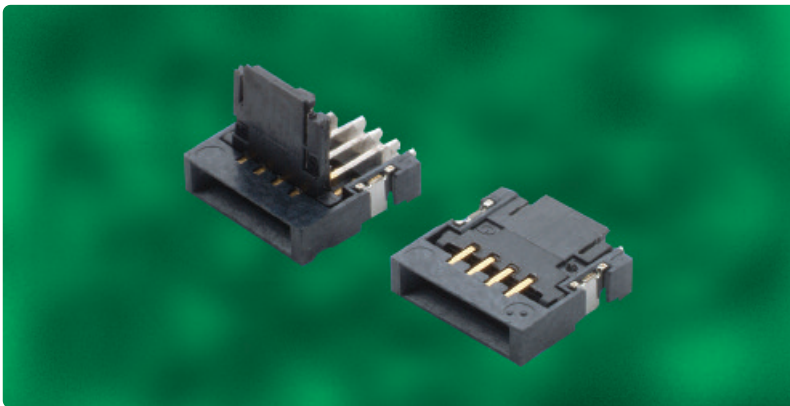
- ▀ Orientation: Right Angle
- ▀ Cable termination: ZIF
- ▀ Cable type: FFC/FPC
- ▀ Board termination: Surface mount
- ▀ Contact location: Upper
- ▀ Height: 1.2mm
- ▀ Lead free with gold plating
- ▀ Accommodated cable thickness: 0.2mm

▀ Front flip type actuator makes cable application easy and error free

▀ Application: Car multimedia devices, brown products, Medical, Industrial and Instrumentation

Part Number	Number of Positions Available
10054365-xx2110ELF*	18,20,24,28,30,35

**SFVL SERIES - 59453**



- ▀ Orientation: Right Angle
- ▀ Cable termination: ZIF
- ▀ Cable type: FFC/FPC
- ▀ Board termination: Surface mount
- ▀ Contact location: Upper and down options
- ▀ Height: 0.9mm
- ▀ Lead free with gold plating
- ▀ Accommodated cable thickness: 0.2mm

▀ Very low profile for maximum space savings

▀ Back flip actuator design makes cable insertion easy

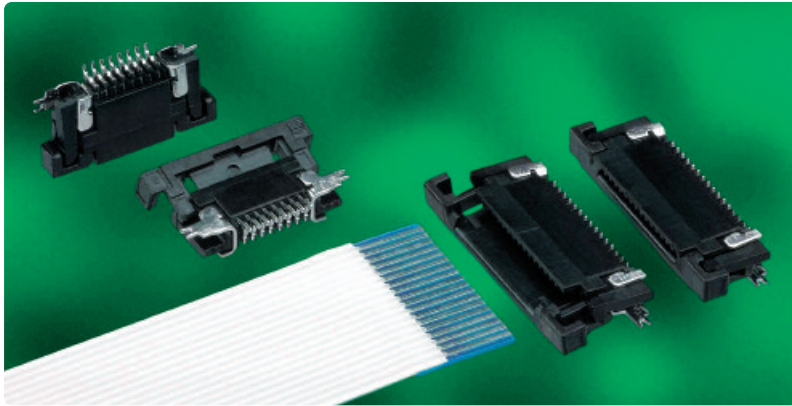
▀ Cable locking feature provides high retention force

▀ Application: Mobile phone, small display, touch pad, Medical, Industrial and Instrumentation, printer, car multimedia devices and mobile device

Part Number	Number of Positions Available
Upside Contact 59453-xx2110EDLF*	4,5,6,8
Downside Contact 59453-xx1110EDLF*	4,5,6,7,8,9,12,13

\*xx - Number of Contacts

**SFV-R SERIES**

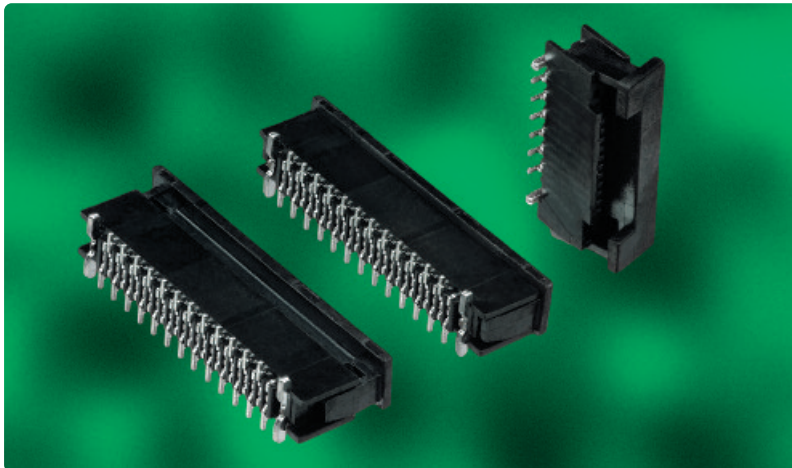


- ▀ Orientation: Right Angle
- ▀ Cable termination: ZIF with prehold
- ▀ Cable type: FFC/FPC
- ▀ Board termination: Surface mount
- ▀ Contact location: Right angle
- ▀ Height: 1.8mm
- ▀ Lead free with gold plating
- ▀ Optional cable lock
  
- ▀ Versatile, economical connector system with uses in many applications
- ▀ Traditional sliding actuator secures cable
  
- ▀ Application: Mobile phone, brown products, Medical, Industrial and Instrumentation, printer, car multimedia devices and mobile device

0.5mm Pitch

Part Number	Number of Positions Available
SFVxxR-1STBE1LF*	4-35
<b>Contact Location/Cable Type</b> 1-FFC/FPC downside contact 2-FFC/FPC upside contact 3-FPC downside with cable lock 4-FPC upside with cable lock	<b>Packaging</b> E1-tape and reel 2000 pieces

**SFV-S SERIES - 62674**

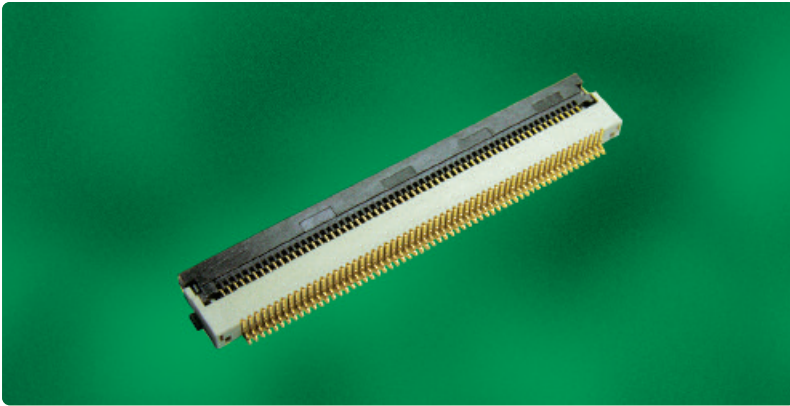


- ▀ Orientation: Vertical
- ▀ Cable termination: ZIF with prehold
- ▀ Cable type: FFC/FPC
- ▀ Board termination: Surface mount
- ▀ Contact location: Vertical
- ▀ Height: 4.1mm
- ▀ Lead free with gold plating
  
- ▀ Economical vertical ZIF flex cable connector
- ▀ Traditional sliding actuator secures cable
  
- ▀ Application: Mobile phone, brown products, Medical, Industrial and Instrumentation, printer, car multimedia devices and mobile device

Part Number	Number of Positions Available
62674-xx2100ALF*	8,12,16,20,21,24,25,26,30,32,33

\*xx - Number of Contacts

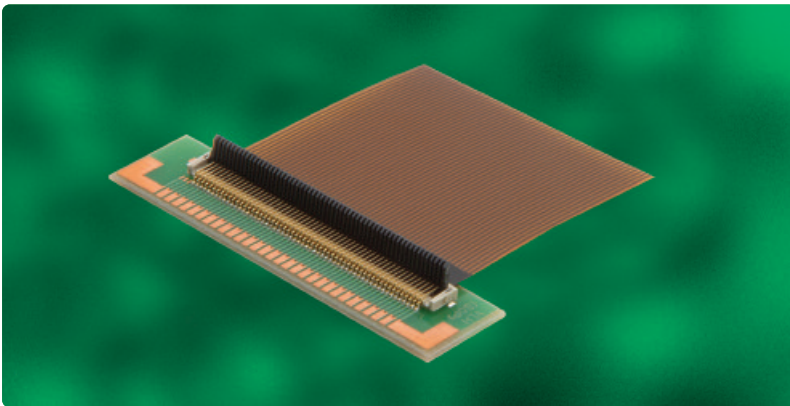
**VHC SERIES - 10085901**



- ▀ Orientation: Right Angle
  - ▀ Cable termination: ZIF
  - ▀ Cable type: FFC/FPC
  - ▀ Board termination: Surface mount
  - ▀ Contact location: Down
  - ▀ Height: 2.0mm
  - ▀ Lead free with gold plating
  - ▀ Accommodated cable thickness: 0.3mm
- ▀ Front flip actuator makes cable application easy and error free
  - ▀ High pin count and robust design
- ▀ Application: Car multimedia devices, brown products, Industrial control, Medical, Instrumentation and printer

Part Number	Number of Positions Available
10085901-xx15ELF*	60

**VLH SERIES - 10042867**

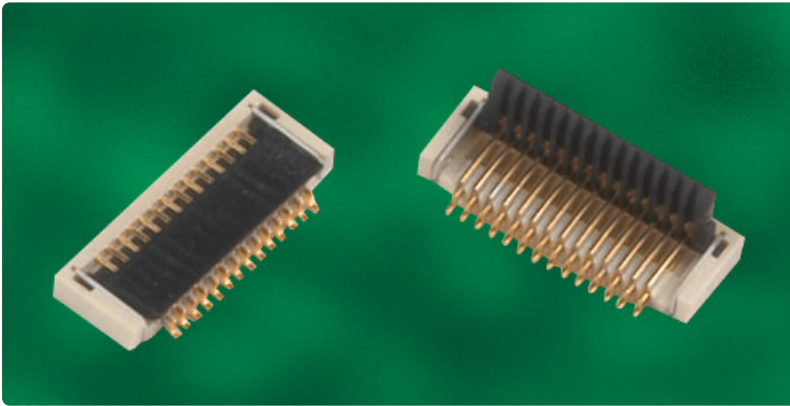


- ▀ Orientation: Right Angle
  - ▀ Cable termination: ZIF
  - ▀ Cable type: FFC/FPC
  - ▀ Board termination: Surface mount
  - ▀ Contact location: Down
  - ▀ Height: 1.3mm
  - ▀ Lead free with gold plating
  - ▀ Accommodated cable thickness: 0.3mm
- ▀ Back flip type actuator makes cable application easy
  - ▀ Innovative housing design provides visual confirmation that flex cable is properly inserted
  - ▀ Higher retention design insures cable stays in place
- ▀ Application: Mobile phone, brown products, Medical, Industrial and Instrumentation, printer, car multimedia devices and mobile device

Part Number	Number of Positions Available
10042867-xxMB10EALF*	40,45,50

\*xx - Number of Contacts

**VLL SERIES – 10051922 (0.5MM PITCH)**

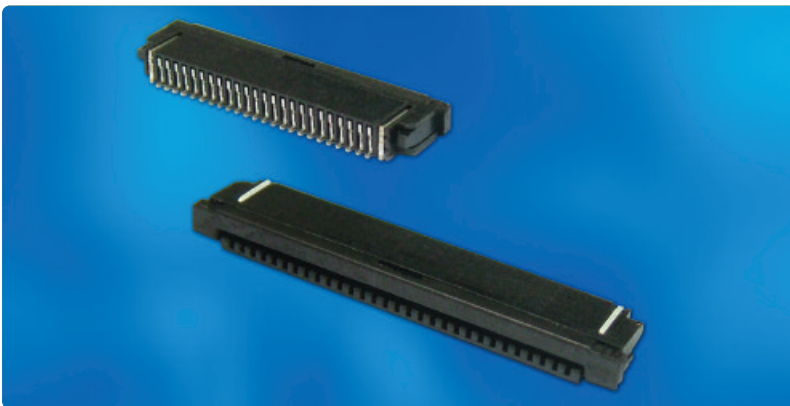


- ▀ Orientation: Right Angle
- ▀ Cable termination: ZIF
- ▀ Cable type: FFC/FPC
- ▀ Board termination: Surface mount
- ▀ Contact location: Down
- ▀ Height: 1.2mm
- ▀ Lead free with gold plating
- ▀ Accommodated cable thickness: 0.3mm
  
- ▀ Back flip type actuator makes cable application easy
- ▀ Innovative housing design provides visual confirmation that flex cable is properly inserted
- ▀ Higher retention design insures cable stays in place
  
- ▀ Application: Mobile phone, brown products, Medical, Industrial and Instrumentation, printer, car multimedia devices and mobile device

Part Number	Number of Positions Available
10051922-xx10EALF*	8,10,11,12,14,15,16,18,20,22, 24,26,28,30

0.5mm Pitch

**SFR SERIES (0.8MM PITCH)**



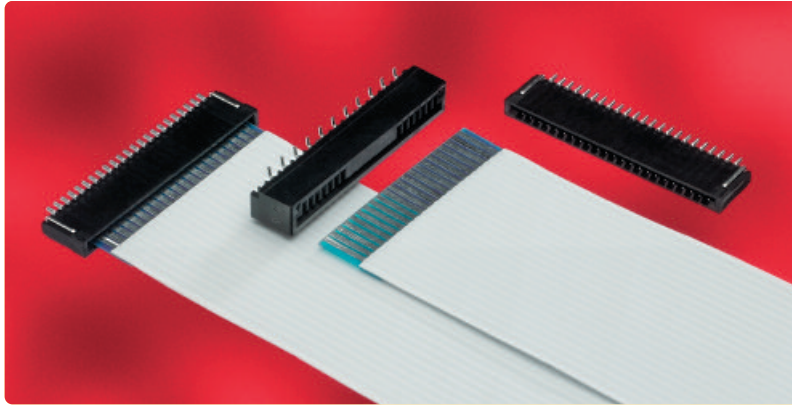
- ▀ Orientation: Right Angle
- ▀ Cable termination: ZIF
- ▀ Cable type: FPC/CIC
- ▀ Board termination: Surface mount
- ▀ Contact location: Down
- ▀ Height: 2.5mm
- ▀ Gold plating
- ▀ Accommodated cable thickness: 0.3+-0.05mm
  
- ▀ ZIF with prehold to insure error free processing
- ▀ RoHS compliant
  
- ▀ Application: Brown products, Instrumentation and Medical, Industrial controls and equipment, business and retail equipment and car multimedia devices

Part Number	Number of Positions Available
SFRxxR-1STAE1LF	4,6,8,10,12,14,16,18,20,22,24 26,28,30
<b>Cable Type</b>	
1-FPC	
2-CPC	

0.8mm Pitch

\*xx - Number of Contacts

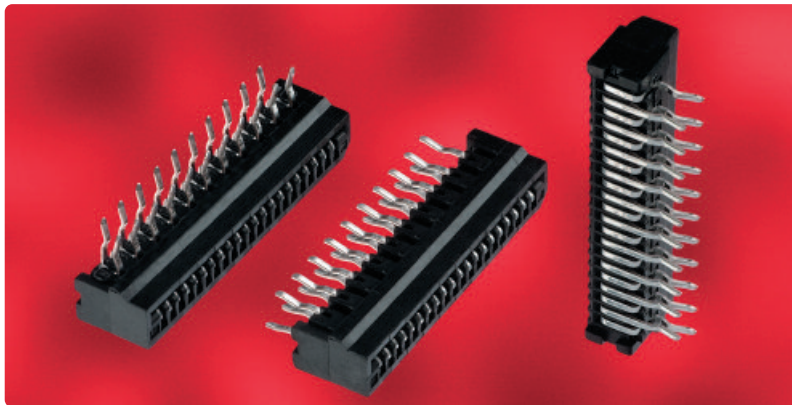
## HFW SERIES



- ▀ 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: 1.9mm right angle, 5.3mm vertical
- ▀ Lead free with gold plating
- ▀ Versatile, economical connector system with uses in many applications
- ▀ Application: Industrial control, business & retail, instrumentation, brown products, printer, car multimedia devices and mobile device

Part Number		Number of Positions Available
HFWxxR-1STE1LF*		Right angle 4-30 Vertical 4-30,32
<b>Orientation</b> R-Right angle S-Straight	<b>Mounting</b> ST-SMT STM-SMT with tab (vertical only)	<b>Packaging</b> Right Angle E1-tape and reel 2000 pieces Vertical E1-tape and reel 1000 pieces
<b>Contact/Cable Type</b>		
Right Angle 1-FFC/FPC downside contact 2-FFC/FPC upside contact 5-CIC downside contact 6-CIC upside contact		
Vertical 2-FFC/FPC 6-CIC		

## HLW SERIES

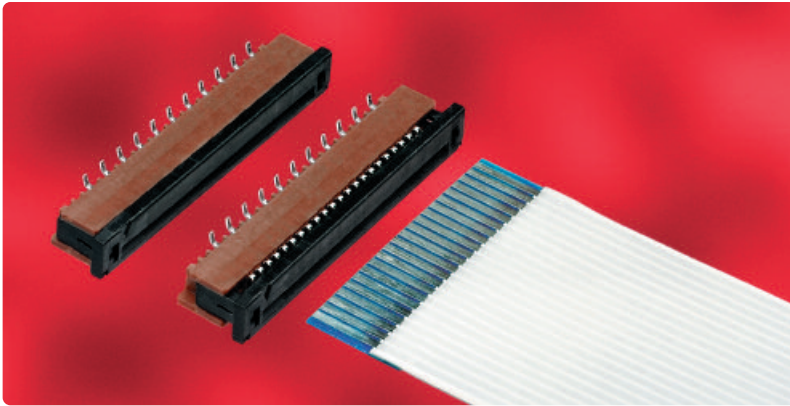


- ▀ Orientation: Right angle and vertical options
- ▀ Cable termination: Non-ZIF
- ▀ Cable type: FFC/FPC/CIC
- ▀ Board termination: Through hole
- ▀ Contact location: Right angle and vertical options
- ▀ Height: 3.9mm right angle, 5.9mm vertical
- ▀ Lead free plating available
- ▀ Through hole alternative
- ▀ Economical connector system
- ▀ Application: Industrial control, business & retail, instrumentation, brown products, printer, car multimedia devices and mobile device

Part Number		Number of Positions Available
HLWxxR-2C7LF*		4-32
<b>Orientation</b> R-Right angle S-Straight	<b>Cable Type</b> 2-FFC/FPC 6-CIC	

\*xx - Number of Contacts

## SFW SERIES

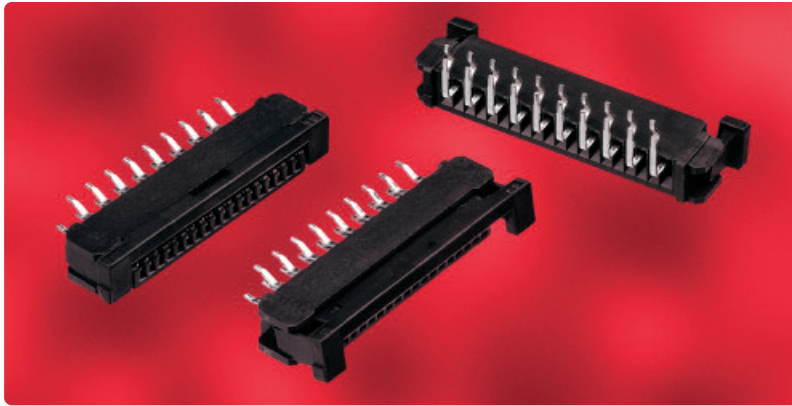


- ▀ Orientation: Right angle and vertical options
  - ▀ Cable termination: ZIF
  - ▀ Cable type: FFC/FPC/CIC
  - ▀ Board termination: Surface mount
  - ▀ Contact location: Right angle and vertical options
  - ▀ Height: 2.7mm right angle, 5.3mm vertical
  - ▀ Lead free with gold plating
  - ▀ Optional cable lock
- ▀ Versatile, economical connector system with uses in many applications
  - ▀ Traditional sliding actuator secures cable
- ▀ Application: Industrial control, business & retail, instrumentation, brown products, printer, car multimedia devices and mobile device

Part Number		Number of Positions Available
SFWxxR-1STE1LF*		Right angle 4-30
		Vertical 4,5,6,8,10,11,12,14,15,16,17,18,20, 22,23,24,26,28,30
<b>Orientation</b>	R-right angle S-straight	
<b>Contact Location/Cable Type</b>	1-FFC/FPC downside contact 2-FFC/FPC upside contact 3-FPC downside with cable lock 4-FPC upside with cable lock 5-CIC downside contact 6-CIC upside contact 7-CIC downside with cable lock 8-CIC upside with cable lock	
<b>Mounting</b>	ST-SMT STM-SMT with tab (vertical only)	
<b>Packaging</b>	Right Angle E1-tape and reel 2000 pieces Vertical E1-tape and reel 1000 pieces	

\*xx - Number of Contacts

## SLW SERIES



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

▀ Versatile, economical connector system with uses in many applications

▀ Application: Industrial control, business & retail, instrumentation, brown products, printer, car multimedia devices and mobile device

Part Number		Number of Positions Available
SLWxxR-1C7LF*		4-30
<b>Orientation</b>	<b>Cable Type</b>	
R-Right angle	1-FFC/FPC	
S-Straight	5-CIC	

\*xx - Number of Contacts

## SLD-R SERIES



- ▀ Orientation: Right Angle
- ▀ Cable termination: ZIF
- ▀ Cable type: FFC/FPC
- ▀ Board termination: Through hole
- ▀ Contact location: Right Angle
- ▀ Height: 7mm
- ▀ Tin plating
- ▀ Accommodated cable thickness: 0.3+-0.05mm

- ▀ More robust design
- ▀ RoHS compliant

- ▀ Application: Brown products, Instrumentation and Medical, Industrial controls & equipment and business & retail equipment

Part Number	Number of Positions Available
SLDxxR-1LF*	4-20,22,24,25,26-40
<b>Terminal Type</b> 1-Kinked terminal 2-Straight terminal	

## SLD-S SERIES



- ▀ Orientation: Vertical
- ▀ Cable termination: ZIF
- ▀ Cable type: FFC/FPC
- ▀ Board termination: Through hole
- ▀ Contact location: Vertical
- ▀ Height: 8mm
- ▀ Tin plating
- ▀ Accommodated cable thickness: 0.3+-0.05mm

- ▀ More robust design
- ▀ RoHS compliant

- ▀ Application: Brown products, Instrumentation and Medical, Industrial controls & equipment and business & retail equipment

Part Number	Number of Positions Available
SLDxxS-1LF*	4-20,22-37,39,40
<b>Terminal Type</b> 1-Kinked terminal 2-Straight terminal	

\*xx - Number of Contacts



## SLP-R SERIES



- Orientation: Right Angle
- Cable termination: ZIF
- Cable type: FPC/FPC/CIC
- Board termination: Through hole
- Contact location: Right Angle
- Height: 5mm
- Tin plating
- Accommodated cable thickness: 0.33+-0.03mm (FPC), 0.3+-0.03mm (FFC/CIC)

- Offers lower profile
- RoHS compliant

- Application: Brown products, Instrumentation and Medical, Industrial controls & equipment and business & retail equipment

Part Number	Number of Positions Available						
SLPxxR-2LF*	4-10,12-16,20						
<table border="0"> <tr> <td style="border: 1px solid black; padding: 2px;">Cable Type</td> <td></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">2-FFC/FPC</td> <td></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">5-CIC</td> <td></td> </tr> </table>		Cable Type		2-FFC/FPC		5-CIC	
Cable Type							
2-FFC/FPC							
5-CIC							

## SLP-S SERIES



- Orientation: Vertical
- Cable termination: ZIF
- Cable type: FFC/FPC/CIC
- Board termination: Through hole
- Contact location: Vertical
- Height: 5.5mm
- Tin plating
- Accommodated cable thickness: 0.33+-0.03mm (FPC), 0.3+-0.03mm (FFC/CIC)

- Offers lower profile
- RoHS compliant

- Application: Brown products, Instrumentation and Medical, Industrial controls & equipment and business & retail equipment

Part Number	Number of Positions Available						
SLPxxS-2LF*	4-16,20						
<table border="0"> <tr> <td style="border: 1px solid black; padding: 2px;">Cable Type</td> <td></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">2-FFC/FPC</td> <td></td> </tr> <tr> <td style="border: 1px solid black; padding: 2px;">5-CIC</td> <td></td> </tr> </table>		Cable Type		2-FFC/FPC		5-CIC	
Cable Type							
2-FFC/FPC							
5-CIC							

\*xx - Number of Contacts

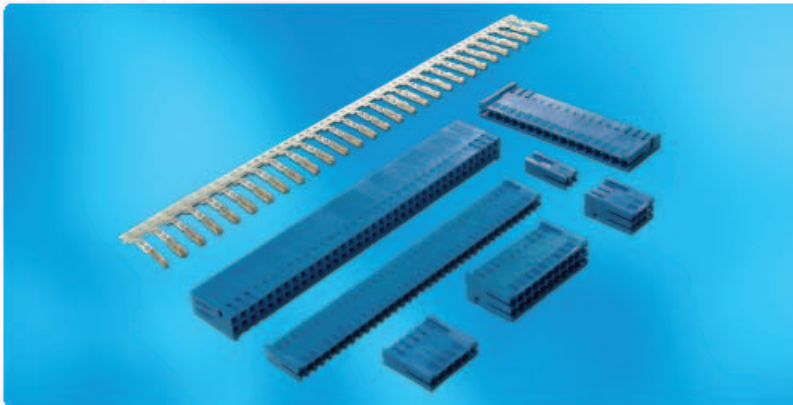
## CLINCHER



- Cable termination: Mates with 0.62mm square or round pins
- Cable type: FFC/FPC/CIC
- Height: 2.54mm
- Lead free with gold or tin plating
- Accommodated cable thickness: 0.305+/-0.025mm (0.012+/-0.0001 inch)
- Pre-assembled connectors reduce overall applied costs and ensure full contact protection
- Snap-shut allows a single connection operation and therefore increases assembly speed
- Lead free and RoHS compliant
- Application: Industrial control & equipment and business & retail equipment

Part Number	Number of Positions Available
5 digit part number	Receptacle assembly 2-32,34 Pin assembly 2-32
65801 = receptacle assembly	
66226 = pin assembly	
	0 = standard version 1 = for thin film circuits (0.15mm MAX. thickness) Female receptacle only

## DUFLEX



- Cable termination: Mates with 0.62mm square or round pins as short as 5mm
- Cable type: FFC/FPC
- Height of housing: 3.8mm for single row and 6.34mm for double row
- Gold or tin plating
- Accommodated cable thickness: 0.305+/-0.025mm (0.012+/-0.0001 inch)
- Reliable dual beam contact design features pre-stressed contact beam for low insertion force
- Ideal for large-volume users
- Mass-termination reduces overall costs and time
- Contacts fitting all housing styles ensures versatility and minimizes stock values
- Application: Industrial control & equipment and business & retail equipment

Housing	Part Number	Number of contacts per row
	5 digit part number	2-36
67013 = single row housing		
66987 = double row housing		

Contact	Part Number
	76785
	<b>Packaging</b> 01 = 15000 per cardboard reel 11 = 3000 per cardboard reel
<b>Plating</b>	
3 = 0.75µm gold	contact area, tin-lead cable area, 0.30N min./0.6N max. insertion force
4 = 5.00µm tin-lead	contact area, tin-lead cable area, 0.30N min./0.6N max. insertion force

# PERFORMANCE CHARACTERISTICS

Pitch	Series	Circuitry	Electrical Current Rating (AC/DC)	Rated Rating (AC/DC)	Contact Resistance (initial)	Insulation Resistance	Dielectric Withstanding Voltage	Mechanical Durability Cycle	Operating Temperature Range
0.3mm	SFY	FPC	0.2A	50V	50mΩMax.	50MΩMin.	AC200V	10	-25°C to +85°C
	SFYL-D	FPC	0.2A	50V	50mΩMax.	50MΩMin.	AC200V	10	-25°C to +85°C
	SFYL-U	FPC	0.2A	50V	70mΩMax.	50MΩMin.	AC200V	10	-25°C to +85°C
	YLL-D	FPC	0.2A	30V	100mΩMax.	50MΩMin.	AC90V	10	-55°C to +85°C
	YLL-U	FPC	0.2A	30V	100mΩMax.	50MΩMin.	AC90V	10	-55°C to +85°C
0.4mm	GLH	FPC	0.4A	40V	50mΩMax.	50MΩMin.	AC120V	20	-55°C to +85°C
0.5mm	OPU-D	FPC/FFC	0.5A	50V	30mΩMax.	100MΩMin.	AC200V	20	-55°C to +85°C
	OPU-U	FPC/FFC	0.5A	50V	30mΩMax.	100MΩMin.	AC200V	20	-55°C to +85°C
	SFVA	FPC/FFC	0.5A	50V	70mΩMax.	100MΩMin.	AC200V	20	-55°C to +85°C
	SFVE	FPC	0.2A	30V	70mΩMax.	50MΩMin.	AC250V	10	-40°C to +85°C
	SFVL-D	FPC	0.4A	50V	30mΩMax.	100MΩMin.	AC200V	10	-40°C to +85°C
	SFVL-U	FPC	0.4A	50V	30mΩMax.	100MΩMin.	AC200V	10	-40°C to +85°C
	SFV-R	FPC/FFC	0.5A	50V	30mΩMax.	100MΩMin.	AC200V	20	-55°C to +85°C
	SFV-S	FPC/FFC	0.5A	50V	30mΩMax.	100MΩMin.	AC200V	20	-55°C to +85°C
	VHC	FPC/FFC	0.5A	50V	50mΩMax.	50MΩMin.	AC250V	20	-55°C to +85°C
	VLH	FPC	0.4A	50V	30mΩMax.	100MΩMin.	AC250V	20	-55°C to +85°C
	VLL	FPC	0.5A	50V	30mΩMax.	100MΩMin.	AC250V	20	-55°C to +85°C
0.8mm	SFR	FPC/CIC	0.5A	100V	30mΩMax.	500MΩMin.	AC500V	20	-55°C to +85°C
1.0mm	HFW-R	FPC/FFC/CIC	1.0A	100V	30mΩMax.	500MΩMin.	AC500V	30	-55°C to +85°C
	HFW-S	FPC/FFC/CIC	1.0A	100V	30mΩMax.	500MΩMin.	AC500V	30	-55°C to +85°C
	HLW-R	FPC/FFC/CIC	1.0A	100V	30mΩMax.	500MΩMin.	AC500V	30	-55°C to +85°C
	HLW-S	FPC/FFC/CIC	1.0A	100V	30mΩMax.	500MΩMin.	AC500V	30	-55°C to +85°C
	SFW-R	FPC/FFC/CIC	1.0A	100V	30mΩMax.	500MΩMin.	AC500V	20	-55°C to +85°C
	SFW-S	FPC/FFC/CIC	1.0A	100V	30mΩMax.	500MΩMin.	AC500V	20	-55°C to +85°C
	SLW-R	FPC/FFC/CIC	1.0A	100V	30mΩMax.	500MΩMin.	AC500V	20	-55°C to +85°C
	SLW-S	FPC/FFC/CIC	1.0A	100V	30mΩMax.	500MΩMin.	AC500V	20	-55°C to +85°C
1.25mm	SLD-R	FPC/FFC	1.0A	200V	30mΩMax.	1000MΩMin.	AC500V	20	-55°C to +85°C
	SLD-S	FPC/FFC	1.0A	200V	30mΩMax.	1000MΩMin.	AC500V	20	-55°C to +85°C
	SLP-R	FPC/FFC/CIC	1.0A	200V	30mΩMax.	1000MΩMin.	AC500V	10	-55°C to +85°C
	SLP-S	FPC/FFC/CIC	1.0A	200V	30mΩMax.	1000MΩMin.	AC500V	10	-55°C to +85°C
2.54mm	Clincher	FFC/FPC/CIC	2.0A	500V	15mΩMax.	5000MΩMin.	AC1000V	100	-65°C to +105°C
	Duflex	FFC/FPC	3.0A	500V	15mΩMax.	N/A	AC1000V	200	-65°C to +125°C

xx - Number of Contacts



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