


# FFC/FPC Connector Overview - 1.00mm Pitch

Product Family		SFW_RD	SFW_RU	SFW_S	HFW_RD	HFW_RU	HFW_S	HLW_R	HLW_S
Part Number		SFW	SFW	SFW	HFW	HFW	HFW	HLW	HLW
Pitch		1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm	1.0 mm
Product Image									
Configuration		Right-Angle Surface Mount	Right-Angle Surface Mount	Vertical Surface Mount	Right-Angle Surface Mount	Right-Angle Surface Mount	Vertical Surface Mount	Right-Angle Through Hole	Vertical Through Hole
Options		Cable Lock; CIC Contact; Gold Plating	Cable Lock; CIC Contact; Gold Plating	Gold Plating	CIC Contact; Gold Plating	CIC Contact; Gold Plating	Gold Plating	CIC Contact	CIC Contact
ZIF or Non-ZIF		ZIF Slider	ZIF Slider	ZIF Slider	Non-ZIF	Non-ZIF	Non-ZIF	Non-ZIF	Non-ZIF
Standard Plating		Tin Plating	Tin Plating	Tin Plating	Tin Plating	Tin Plating	Tin Plating	Tin Plating	Tin Plating
Height		2.7 mm	2.7 mm	5.3 mm	1.9 mm	1.9 mm	5.3 mm	3.9mm	5.9mm
Contact direction		Bottom	Top	Vertical	Bottom	Top	Vertical	Top	Vertical
Cable thickness		0.3 mm	0.3 mm	0.3 mm	0.3 mm	0.3 mm	0.3 mm	0.3 mm	0.3 mm
Positions		4 up to 30	4 up to 30	4 up to 30	4 up to 30	4 up to 30	4 up to 32	4 up to 32	4 up to 32
Max Rating	Amp	1A (AC/DC)	1A (AC/DC)	1A (AC/DC)	1A (AC/DC)	1A (AC/DC)	1A (AC/DC)	1A (AC/DC)	1A (AC/DC)
	Voltage	100V (AC/DC)	100V (AC/DC)	100V (AC/DC)	100V (AC/DC)	100V (AC/DC)	100V (AC/DC)	100V (AC/DC)	100V (AC/DC)
Operating Temperature		-55°C ~ +105°C	-55°C ~ +105°C	-55°C ~ +105°C	-55°C ~ +105°C	-55°C ~ +105°C	-55°C ~ +105°C	-55°C ~ +85°C	-55°C ~ +85°C
Vibration & Mechanical Shock		Pass the SAE/USCAR-2	Pass the SAE/USCAR-2	IEC60068-2-6 (JIS C 60068-2-6)	IEC60068-2-6 (JIS C 60068-2-6)	IEC60068-2-6 (JIS C 60068-2-6)	IEC60068-2-6 (JIS C 60068-2-6)	IEC60068-2-6 (JIS C 60068-2-6)	IEC60068-2-6 (JIS C 60068-2-6)
Application		Printer, Video Server, Car Tail Lamp, Handheld	Printer, Home Audio, Display connector	Printer, Gas Metering, Headset	Printer, Medical Equipment, Sound Bar	Printer, Home Audio, Display connector	Printer, Home Audio, Game	Printer, HOME AUDIO, LED Lighting	Printer, HOME AUDIO
Link to info		<a href="#">1.00mm FFC-FPC</a>	<a href="#">1.00mm FFC-FPC</a>	<a href="#">1.00mm FFC-FPC</a>	<a href="#">1.00mm FFC-FPC</a>	<a href="#">1.00mm FFC-FPC</a>	<a href="#">1.00mm FFC-FPC</a>	<a href="#">1.00mm FFC-FPC</a>	<a href="#">1.00mm FFC-FPC</a>

# FFC/FPC Connector Overview - 0.50mm Pitch

Product Family		SFVL_D	SFVL_U	VLL	SFV_RD	SFV_RU	OPU_D	OPU_U
Part Number		59453	59453	10051922	SFV	SFV	62684	62684
Pitch		0.5 mm	0.5 mm	0.5 mm	0.5 mm	0.5 mm	0.5 mm	0.5 mm
Product Image								
Configuration		Right-Angle Surface Mount	Right-Angle Surface Mount	Right-Angle Surface Mount	Right-Angle Surface Mount	Right-Angle Surface Mount	Right-Angle Surface Mount	Right-Angle Surface Mount
Options		Cable Lock	Cable Lock	N/A	Cable Lock	Cable Lock	N/A	N/A
Height		0.9 mm	0.9 mm	1.3 mm	1.8 mm	1.8 mm	2.0 mm	2.0 mm
ZIF or Non-ZIF		ZIF Back Side Flip	ZIF Back Side Flip	ZIF Back Side Flip	ZIF Slider	ZIF Slider	ZIF Slider	ZIF Slider
Standard Plating		Gold Plating	Gold Plating	Gold Plating	Gold Plating	Gold Plating	Gold Plating	Gold Plating
Contact direction		Bottom	Top	Bottom	Bottom	Top	Bottom	Top
Cable thickness		0.2 mm	0.2 mm	0.3 mm	0.3 mm	0.3 mm	0.3 mm	0.3 mm
Positions		4,5,6,7,8,9,12,13	4,5,6,8	8 up to 30	4 up to 35	4 up to 35	32 up to 60	32 up to 57
Max Rating	Amp	0.4A (AC/DC)	0.4A (AC/DC)	0.5A (AC/DC)	0.5A (AC/DC)	0.5A (AC/DC)	0.5A (AC/DC)	0.5A (AC/DC)
	Voltage	50V (AC/DC)	50V (AC/DC)	50V (AC/DC)	50V (AC/DC)	50V (AC/DC)	50V (AC/DC)	50V (AC/DC)
Operating Temperature		-55°C ~ +105°C	-55°C ~ +105°C	-55°C ~ +85°C	-55°C ~ +105°C	-55°C ~ +105°C	-55°C ~ +85°C	-55°C ~ +85°C
Vibration & Mechanical Shock		Pass the SAE/USCAR-2	Pass the SAE/USCAR-2	IEC60068-2-6 (JIS C 60068-2-6)	IEC60068-2-6 (JIS C 60068-2-6)	IEC60068-2-6 (JIS C 60068-2-6)	IEC60068-2-6 (JIS C 60068-2-6)	IEC60068-2-6 (JIS C 60068-2-6)
Application		Mobile phone, Action CAM, Head Phone, Backlight	Wearable, Medical device, Smart meter, Backlight	Camera unit, Printer, Network server	Sensor unit, Home Appliance, Handheld	Sensor unit, Home Appliance, Handheld	IP phone, Medical Equipment, Printer	Home Audio, Display, Industrial Control
Link to info		<a href="#">0.50mm FFC-FPC</a>	<a href="#">0.50mm FFC-FPC</a>	<a href="#">0.50mm FFC-FPC</a>	<a href="#">0.50mm FFC-FPC</a>	<a href="#">0.50mm FFC-FPC</a>	<a href="#">0.50mm FFC-FPC</a>	<a href="#">0.50mm FFC-FPC</a>