

JST Product Selection Guide Wire-to-Board Wire-to-Wire Connectors

Pitch	Product Series	W-to-B Crimp	W-to-B IDC	Through Hole	SMT	Double Row	W-to-W	Panel Mount	Positive Locking	Retainer	Sealed	# of Positions	Wire Range	Comments:
≤ 4 Amps														
0.8 mm	SUH	X			X							2-22	32-28	Uses SUR Headers
	SUR		X		X							2-22	36-32	
1.0 mm	SH	X			X							2-20	32-28	SR is IDC of SH
	SR		X		X							2-20	30	
	SHD	X			X	X						20-50	32-28	
	SHLD	X			X	X			X			20-50	32-28	
	NSH	X			X				X			2-15	32-28	
1.2 mm	ACH	X			X		X					1-4	30-28	
	ACHF	X			X							3, 4, 6	30-28	
	ACHL	X			X		X					2	30-28	
1.25 mm	GH	X			X				X			2-15	30-26	
	GVH	X			X				X			2-15	30-26	
	GHD	X			X	X			X			16-40	30-26	
1.3mm	ADH	X			X							2	30-28	
1.5 mm	AUH	X			X							3, 5	30-22	
	ZH	X		X	X							2-13	32-26	
	ZR		X		X							2-13	30	
	ZE	X		X	X				X			2-16	30-24	
	ZPD	X		X	X	X			X			10-30	28-24	
1.8 mm	SFH	X			X							2	30-22	
	LEA	X			X				X			2	30-22	
	LEH	X			X							2	26-22	
2.0 mm	PH	X		X	X							2-16	32-22	
	PHD	X		X	X							8-34	28-22	
	PA	X		X	X		X		X	X		2-16	28-22	
	PBV	X			X				X			2-15	28-22	
	PAD	X		X		X			X			10-40	28-22	
	PND	X		X		X			X			8-40	28-22	
	PNI	X		X	X				X	X		2-10	28-22	
	PNI						X	X	X	X		2-10	28-22	
	PUD	X		X	X				X			8-40	28-22	
	JWPF						X		X		X	2-8	28-22	
	JWPF	X		X					X		X	2-4	26-22	
	KR	X	X	X	X							2-16	28-26	
2.2 mm	KR	X	X	X	X							2-16	28-26	
	JFA J1000	X		X		X	X		X			3-30	28-18	
2.5 mm	XH	X		X	X							2-20	30-22	
	NR		X	X	X							2-16	28-24	
	NRD		X	X	X							2-16	28-24	
	XA	X		X	X		X	X	X	X		2-20	28-20	
	XAF		X	X	X		X	X	X	X		2-6, 8, 10, 20	26-22	
	XAD	X		X		X	X	X	X	X		8-40	28-20	
	XM				X	X	X	X	X	X		2-18	28-20	
	XMA				X	X	X	X	X	X		2-6	26-22	
	XNI	X		X					X			2-15	30-22	
	LEX	X			X				X			2 & 4	30-22	
3.0 mm	JFA J2000	X		X		X	X	X	X			3-20	28-20	
3.0 mm	LEN	X			X							2	26-22	
≤ 10 Amps														
3.3 mm	HIL					X	X		X	X		2-8	20-18	
3.45 mm	LBT A-type	X			X				X			3-9	20-28	Lithium battery appl.
3.81 mm	JFA J300	X		X		X	X	X	X			3-20	28-14	
3.96 mm	VH	X		X					X	X		2-11	22-16	
	HL	X		X		X	X	X	X	X		2-11	22-18	
4.0 mm	JWPS	X		X		X	X		X		X	2, 4	22-18	
	LEB	X			X		X					1 & 2	26-22	
4.5 mm	YL					X	X		X	X		1-21	26-16	
≤ 20 Amps														
5.0 mm	WPI	X									X	2 & 3	22-18	ZL plug hsgs. mate with XL headers.
	WPI						X				X	2 & 3	22-18	
	XL	X		X		X		X	X			2-16	26-16	
	XL					X	X	X	X	X		2-16	26-16	
5.08mm	ZL	X		X		X	X	X	X	X		2-16	26-16	
5.08mm	JFA J300	X		X		X	X	X	X			2-20	28-14	
6.0 mm	JFA J4000	X		X					X			2-6	16-12	
6.2 mm	VL	X		X		X	X	X	X	X		1-12	22-12	
≤ 50 Amps														
8.8mm	JFPS	X		X					X			2-3	12-10	
11mm	JFA J5000					X	X	X	X			2-10	16-8	

For further details, contact your local JST Sales Person

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FFC /FPC Connectors													
Pitch	Product Series FFC/FP C	ZIF	Non-ZIF	SMT	Through Hole	Side entry	Top Entry	Normal	Reverse	Contacts top & Bottom	FPC Locking Tabs	Sizes	Comments:
0.5 mm	FLH	X		X		X		X	X			4~40	
	FLZ	X		X		X		X	X			6~50	
	FLZT	X		X			X	X	X			6~42	
	FLT		X	X			X	X				6~40	
	FHH	X		X		X				X	X	10~60	
1.0 mm	FMN		X	X	X	X	X	X	X			4~40	
	FMZ		X		X	X	X	X				6~30	

B-to-B								
Pitch	Product Series	Top Entry	Side Entry	Parallel Stacking	Double Row	Stacking Height	Normal	Comments:
0.5 mm	JMC	X	X	X	X		20~60	
	JMD	X	X	X	X		20~100	
1.25 mm	JE	X					5~19	
	JED	X		X	X		8~22	

Misc. Products	
Product Series	
SD Card	SDK SDK Reverse Type
Micro SD Card	SDHL
USB	UB
Mini USB	UB mimi-B type
Micro USB	UB Micro USB
LVDS	SHD
	SHLD
	SHLV

Products for LED Lighting Applications	
Product Series	
LEA	W~B; 1~2 Positions
LEB	W~B & B~B; 1~2 Positions
LEH	W~B; 2 Posi
LEK	B~B; 1 Position
LEL	B~B; 1 Position
LEN	W~B; 2 Position
LEX	W~B; 2 & 4 Position
SFH	W~B; 2 Positions
ACH	W~B & W~W; 1~4 Positions
ACHE	W~B,; 3, 4, 6 Positions
ACHL	W~B; 2 Positions
ADH	W~B; 2 Positions
AUH	W~B; 3, 5 Positions

Products for Battery Applications	
Product Series	
SFH	W~B; 2 Positions
ACH	W~B & W~W; 1~4 Positions
ACHE	W~B,; 3, 4, 6 Positions
ACHL	W~B; 2 Positions
ADH	W~B; 2 Positions
AUH	W~B; 3, 5 Positions
LBT A-type	W~B; 3, 5, 7, 9 Positions

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