

# JST Product Selection Guide

For additional product lines, please refer to the online catalog at [www.jst.com](http://www.jst.com).

## 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	# of Positions	Wire Range	Comments:
<b>≤ 4 Amps</b>													
0.6 mm	<a href="#">XSR</a>		X		X						2-22	36	
0.8 mm	<a href="#">SUR</a>		X		X						2-22	36 & 32	SUR is IDC of SUH
	<a href="#">SUH</a>	X			X						2-20	32-28	
1.0 mm	<a href="#">SH</a>	X			X						2-20	32-28	
	<a href="#">SR</a>		X		X						2-20	30	SR is IDC of SH
	<a href="#">ASR</a>		X		X						2-4	30	
	<a href="#">SHD</a>	X			X	X					20-50	32-28	
	<a href="#">SHJ</a>	X			X			X			2 & 6	32-28	
	<a href="#">SHL</a>	X			X						2-30	32-28	
	<a href="#">SHLD</a>	X			X	X			X		20-50	32-28	
	<a href="#">NSH</a>	X			X				X		2-15	32-28	
<a href="#">NSHD</a>	X			X	X			X		16-40	32-28		
1.2 mm	<a href="#">ACH</a>	X			X	X					1-5	30-28	
	<a href="#">ACHF</a>	X			X						3, 4, 6	30-28	
	<a href="#">ACHL</a>	X			X						2	30-28	
1.25 mm	<a href="#">AGH</a>	X			X						3	30-26	
	<a href="#">GX/GXW</a>		X		X	X					2-25	26	Single and Double Row
	<a href="#">GH</a>	X			X			X			2-15	30-26	
	<a href="#">GVH</a>	X			X			X			2-15	30-26	
	<a href="#">GHD</a>	X			X	X		X			16-40	30-26	
1.3 mm	<a href="#">ADH</a>	X			X						3 & 5	28-26	
1.5 mm	<a href="#">ZH</a>	X		X	X						2-13	32-26	
	<a href="#">ZIM</a>					X	X		X	X	8 & 10	28-24	Uses ZND contacts
	<a href="#">ZR</a>		X		X						2-13	30 & 28	ZR is IDC of ZH
	<a href="#">ZE</a>	X			X			X			2-16	30-24	
	<a href="#">ZND</a>	X			X	X	X	X	X		4-36	28-24	
	<a href="#">ZPD</a>	X			X	X		X			10-30	28-24	
1.8 mm	<a href="#">SFH</a>	X			X						2	30-22	
2.0 mm	<a href="#">PH</a>	X		X	X	*					2-16	32-22	*: Thru-Way option offered
	<a href="#">PHD</a>	X		X		X					8-34	28-22	
	<a href="#">PA</a>	X		X	X	X		X	X		2-16	28-22	Uses PHD contacts
	<a href="#">PAD</a>	X		X		X		X			10-40	28-22	Uses PH & PND contacts
	<a href="#">PBD</a>	X			X	X		X			16,20,30	28-22	
	<a href="#">PBV</a>	X			X			X			3-15	28-22	Uses PHD contacts
	<a href="#">PID</a>	X		X		X		X	X		10-30	26-22	
	<a href="#">PID</a>	X		X		X		X			20-28,40	26-22	
	<a href="#">PLI</a>	X		X				X			2-10	28-22	
	<a href="#">PND</a>	X		X		X		X			8-40	28-22	
	<a href="#">PNI</a>	X		X	X		X	X	X		2-10	28-22	
	<a href="#">PUD</a>	X		X	X			X			8-40	28-22	
	<a href="#">KR</a>	X	X	X	X						2-16	28-26	Uses PH Headers
2.2 mm	<a href="#">JFA J1000</a>	X		X		X	X	X			3-30	28-18	
2.5 mm	<a href="#">XH</a>	X		X	X	*					2-20	30-22	*: Thru-Way option offered
	<a href="#">XA</a>	X		X	X	X	X	X	X		2-20	28-20	
	<a href="#">XAF</a>		X	X	X	X	X	X	X		2-20	22	Uses XA Header & W-W Mates
	<a href="#">XAD</a>	X		X		X	X	X	X		8-40	28-20	
	<a href="#">XM</a>					X	X	X	X		2-18	28-20	
	<a href="#">XNI</a>	X		X				X			2-15	30-22	
	<a href="#">RSXA</a>		X								2-10	24-22	Card Edge RAST 2.5
Pwr Signal Mix	<a href="#">AUH</a>	X			X						3 & 5	30-22	
	<a href="#">J-FAT</a>	#		X	X			X			2-12	24-8	#: Spring Type
<b>≤ 10 Amps</b>													
3.0 mm	<a href="#">BSS</a>	X			X	X		X	X		4,6,8,10	22-18	
3.3 mm	<a href="#">HIL</a>					X	X	X	X		2-8	20-18	
	<a href="#">BNI</a>	X		X		X		X	X		2-12	20-18	Single and Double Row
3.81 mm	<a href="#">JFA J300</a>	X		X		X	X	X			3-20	28-14	
3.96 mm	<a href="#">VH</a>	X		X		*		X	X		2-11	22-16	*: Thru-Way option offered
	<a href="#">HL</a>	X		X		X	X	X	X		2-11	22-18	
4.0 mm	<a href="#">PSI</a>	X		X		X	X	X			2-14	26-16	Single and Double Row
4.5 mm	<a href="#">YL</a>					X	X	X	X		1-21	26-16	
Pwr Signal Mix	<a href="#">LBT A Type</a>	X			X						2,1-7	28,24-20	For Li-Po battery applications
<b>≤ 20 Amps</b>													
5.0 mm	<a href="#">HYV</a>	X		X		X		X	X		2-4,6	22-16	
	<a href="#">RSF</a>	X				X		X			2-12	22-12	Crimp RAST 5.0
	<a href="#">RARSF</a>	X						X			1-12	22-12	Crimp Right-Angle RAST 5.0
	<a href="#">XL</a>	X		X		X	X	X			2-16	26-16	ZL plug hsgs. mate with XL hdr.
	<a href="#">ZL</a>	X		X		X	X	X	X		2-16	26-16	
5.08mm	<a href="#">JFA J300</a>	X		X		X	X	X			2-20	28-14	
6.0 mm	<a href="#">JFA J4000</a>	X		X				X			2-6	16-12	
6.2 mm	<a href="#">VL</a>	X		X		X	X	X	X		1-12	22-12	
7.5 mm	<a href="#">JFA-B</a>					X	X	X	X		20 & 60	28-14	
	<a href="#">JFA-VL</a>					X	X	X	X		10,13,18	28-12	J300, J4000, VL Modular
<b>≤ 50 Amps</b>													
8.8 mm	<a href="#">JFPS</a>	X		X		X	X	X	X		1-4	16-10	
11.0 mm	<a href="#">JFA J5000</a>	X		X		X	X	X	X		2-20	28-8	
16.0 mm	<a href="#">FAH</a>					X	X	X			1 & 2	10-8	