

Wire-to-Board Connectors

JST Series	Pin-to-Pin Pitch	Pin Rows	Current (Amp)	Voltage (Volt)	Wire Size (AWG)	Shroud	Lock	Notes	Datasheet
VH	3.96 mm (0.156 in)	1	10	250	22 to 16	Yes/No	Yes	Unshrouded seems to be more popular than shrouded.	JST VH
EH	2.50 mm (0.098 in)	1	3	250	32 to 22	Yes	No		JST EH
XH	2.50 mm (0.098 in)	1	3	250	30 to 22	Yes	No	Used by many R/C batteries. Not 0.1" pitch.	JST XH
PA	2.00 mm (0.079 in)	1	3	250	28 to 22	Yes	Yes	Used by FMA Cellpro R/C battery chargers.	JST PA
PH	2.00 mm (0.079 in)	1	2	100	32 to 24	Yes	No	Compatible with KR, KRD, CR series.	JST PH
ZH	1.50 mm (0.059 in)	1	1	50	32 to 26	Yes	No	Compatible with ZR, ZM series.	JST ZH
GH	1.25 mm (0.049 in)	1	1	50	30 to 26	Yes	Yes	Some people confuse with Molex PicoBlade .	JST GH
SH	1.00 mm (0.039 in)	1	1	50	32 to 28	Yes	No	Compatible with SR, SZ series.	JST SH
RE	2.54 mm (0.100 in)	1	2	250	30 to 24	Yes	Yes		JST RE

Wire-to-Wire Connectors

JST Series	Pin-to-Pin Pitch	Pin Rows	Current (Amp)	Voltage (Volt)	Wire Size (AWG)	Features	Notes	Datasheet
RCY	2.50 mm (0.098 in)	1	3	250	28 to 22	Locking	Used in radio control (R/C), also known as BEC or P connector. Commonly found on small models, toys, and small lipo packs.	JST RCY
SM	2.50 mm (0.098 in)	1	3	250	28 to 22	Locking, High force	Used in some RGB LED decorative light strips.	JST SM