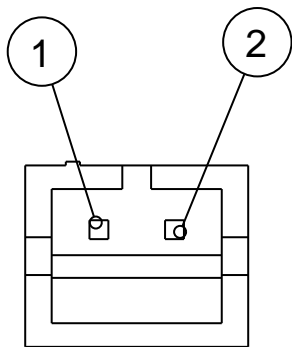
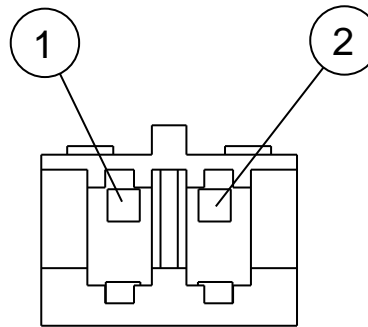


Mating receptical
to be assembled
as a set



Connector A
Manufacturer - JST
Part #s S2B-PH-K-S
Plug entry view

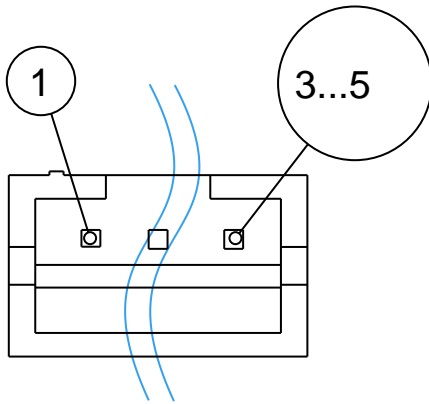
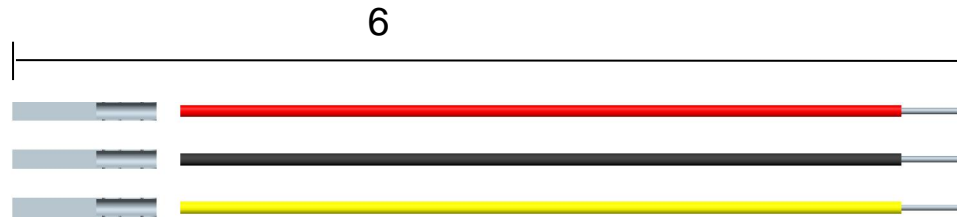
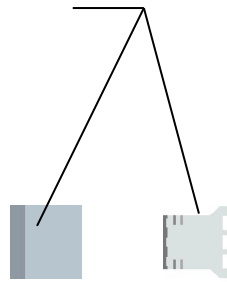


Connector B
Manufacturer - JST
Part #s PHR-2
Crimp Pin Part # SPH-002T-P0.5S
Or equivalent
Wire Entry View
Scale 5.00

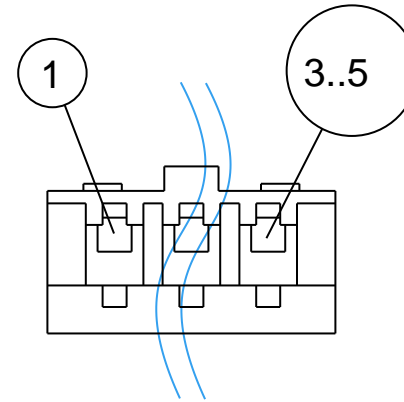
Tolerances,
Unless noted-
0.0 +/-
0.00 +/-
0.000 +/-

Connector A Pin	Connector B Pin	Wire Type	JST_3-PIN_WITH_WIREOUTS	
1	1	Braided 24 AWG - Red		
2	2	Braided 24 AWG - Black	20 Apr 10	
		Shielding and cable jacket type are not of importance.		
			Tolerance +/- 0.125	

Mating receptical
to be assembled
as a set



Connector A
Manufacturer - JST
Part #s S3B-PH-K-S... S5B-PH-K-S
Or equivalent
Plug entry view



Connector B
Manufacturer - JST
Part #s PHR-3...PHR-5
Crimp Pin Part # SPH-002T-P0.5S
Or equivalent
Wire Entry View
Scale 5.00

Tolerances,
Unless noted-
0.0 +/-
0.00 +/-
0.000 +/-

Connector A Pin	Connector B Pin	Wire Type
1	1	Braided 24 AWG - Yellow
2	2	Braided 24 AWG - Black
3	3	Braided 24 AWG - Red
4	4	Braided 24 AWG - Blue
5	5	Braided 24 AWG - Green
		Shielding and cable jacket type are not of importance.

JST_3-PIN_WITH_WIREOUTS			
Units in		Drawn by Spark Fun Electronics	
20 Apr 10		for Price Quote	
Tolerance +/- 0.125		Drafter	HH Scale 1.25

Set number	Part Numbers (Parts from JST or equivalent)	Notes	Page 3 / 3	
1	1 x S2B-PH-K-S 1 x PHR-2 2 x SPH-002T-P0.5S 2 x Braided 24 AWG	Wire colors and order given on sheet 1	<div data-bbox="1793 1081 1997 1219" style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> Tolerances, Unless noted- 0.0 +/- 0.00 +/- 0.000 +/- </div>	
2	1 x S3B-PH-K-S 1 x PHR-3 3 x SPH-002T-P0.5S 3 x Braided 24 AWG	Wire colors and order given on sheet 2 (use yellow, black, & red wires)		
3	1 x S4B-PH-K-S 1 x PHR-4 4 x SPH-002T-P0.5S 4 x Braided 24 AWG	Wire colors and order given on sheet 2 (use yellow, black, red, and blue wires)		
4	1 x S5B-PH-K-S 1 x PHR-5 5 x SPH-002T-P0.5S 5 x Braided 24 AWG	Wire colors and order given on sheet 2 (use yellow, black, red, blue, and green wires)		
		JST_3-PIN_WITH_WIREOUTS		
				Drawn by Spark Fun Electronics for
		Drafter	Scale	

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