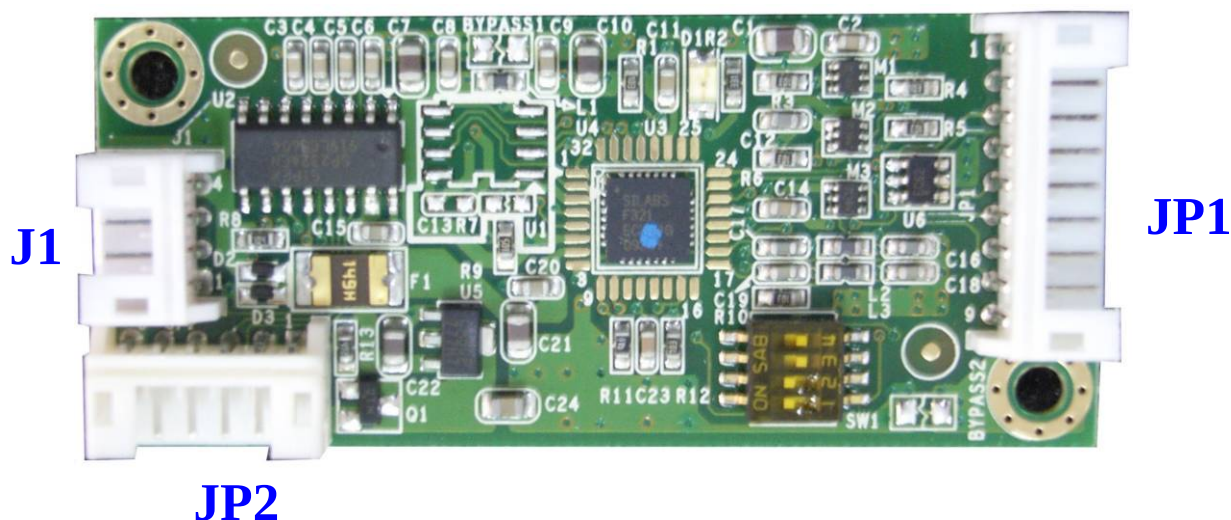


PenMount 6500 Controller connector information

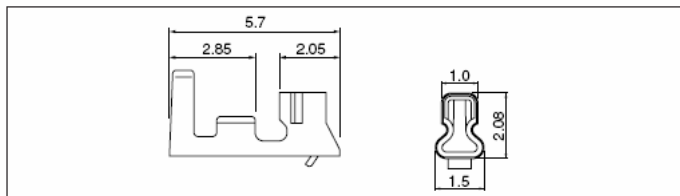
PM6500 Touch Control Board :



Connector name	Connector function	On-board Connector	Mating connector (JST)
J1	USB	1 x 4 locking pin header HEIGHTEN p/n 200PH-4LT	JST p/n PHR-4 housing JST p/n SPH-002T-P0.5S crimp pin
JP1	4 / 5 / 8 - wire touch screen	1 x 9 locking pin header HEIGHTEN p/n 200PH-9LT	JST p/n PHR-9 housing JST p/n SPH-002T-P0.5S crimp pin
JP2	RS-232 Power supply	1 x 6 locking pin header HEIGHTEN p/n 200PH-6LT	JST p/n PHR-6 housing JST p/n SPH-002T-P0.5S crimp pin

JP1、JP2、J1 Mating Connector (JST) Specification :

Contact



Contact	Crimping machine	Applicator		
		Crimp applicator	Dies	Crimp applicator with dies
SPH-002T-P0.5S	AP-K2N	MKS-LS・MKS-L	MK/SPH-002-05S	APLMK SPH002-05S
		*MKS-SC	SC/SPH-002-05S	APLSC SPH002-05S
SPH-002T-P0.5L		MKS-LS・MKS-L	MK/SPH-002-05L	APLMK SPH002-05L
		*MKS-SC	SC/SPH-002-05L	APLSC SPH002-05L
SPH-004T-P0.5S		MKS-L-10	MK/SPH-004-05S	APLMK SPH004-05S
		*MKS-SC-10	SC/SPH-004-05S	APLSC SPH004-05S

Note: *Strip-crimp applicator

Model No.	Applicable wire			Q'ty / reel
	mm ²	AWG #	Insulation O.D. (mm)	
SPH-002T-P0.5S	0.05 ~ 0.22	30~24	0.9~1.5	8,000
SPH-002T-P0.5L	0.08 ~ 0.22	28~24	0.8~1.5	
SPH-004T-P0.5S	0.032~0.08	32~28	0.5~0.9	10,000

Material and Finish

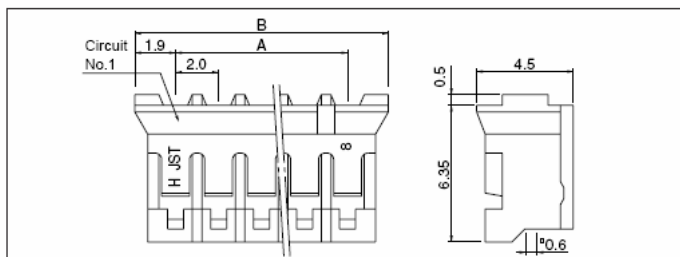
Phosphor bronze, tin-plated (reflow treatment)

RoHS compliance

Note:

1. Contact JST for gold-plated products.
2. SPH-002T-P0.5L is low-insertion force type contact, for easier insertion/ withdrawal, which would be less resistant to the vibration. The crimp height is different from the standard.
3. Contact JST for details.

Housing



<For reference> As the color identification, the following alphabet shall be put in the underlined part.
For availability, delivery and minimum order quantity, contact JST.

ex. **PHR-2-00**

(blank)...natural (white)

BK...black R...red TR...tomato red BL...blue Y...yellow

L...lemon yellow M...green D...orange N...brown

P...purple PK...pink H...gray LE...light blue

FY...vivid yellow DPK...dark pink

Cir-cuits	Model No.	Dimensions (mm)		Q'ty / box
		A	B	
2	PHR-2	2.0	5.8	1,000
3	PHR-3	4.0	7.8	1,000
4	PHR-4	6.0	9.8	1,000
5	PHR-5	8.0	11.8	1,000
6	PHR-6	10.0	13.8	1,000
7	PHR-7	12.0	15.8	1,000
8	PHR-8	14.0	17.8	1,000
9	PHR-9	16.0	19.8	1,000
10	PHR-10	18.0	21.8	1,000
11	PHR-11	20.0	23.8	1,000
12	PHR-12	22.0	25.8	1,000
13	PHR-13	24.0	27.8	1,000
14	PHR-14	26.0	29.8	1,000
15	PHR-15	28.0	31.8	1,000
16	PHR-16	30.0	33.8	1,000

Material

PA 66, UL94V-0, natural (white)

RoHS compliance