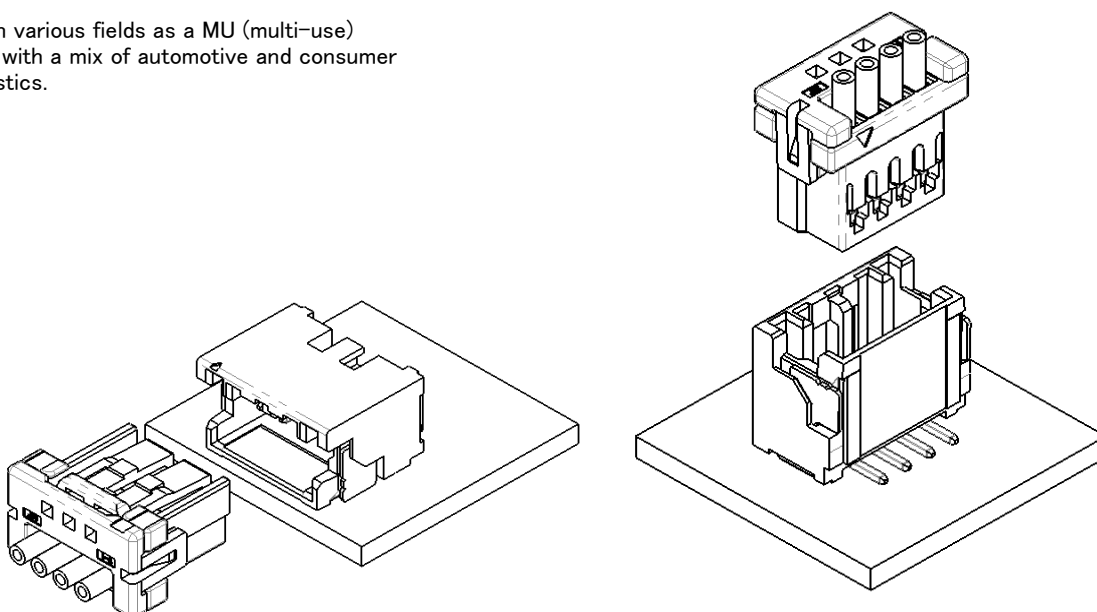




■ Features

- 2.0mm pitch, SMT type, Miniaturized connector for signal
- Half mating prevention structure (Inertial lock/Insertion with flat shape)
- Small size yet, stable contact resistance even under High temperature and vibration in automotive standards
- Socket contact has a high rigid box structure to protect a contact spring from external forces in any direction
- Improvement of harness workability due to contact spring protected shape
- Top/Side entry type
- Prevent incorrect mating by key codes
- Retainer available
- Housing lock lever protection function

Available in various fields as a MU (multi-use) connector with a mix of automotive and consumer characteristics.



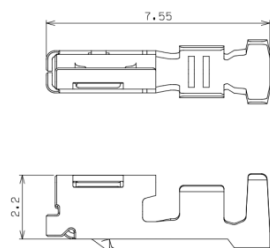
■ Specifications

Item	Standard	Condition
● Current rating	AWG#22 : 3A AC・DC	When using single-circuit at the temperature of $23 \pm 5^{\circ}\text{C}$.
● Operating voltage	AWG#26 : 1A AC・DC	
● Temperature range	$-40^{\circ}\text{C} \sim +125^{\circ}\text{C}$	Including temperature rise in applying electrical current
● Applicable wire	Conductor / AWG#22	S barrel
	Coating OD / $\phi 1.25\text{mm} \sim \phi 1.40\text{mm}$	
	Conductor / AWG#26	SS barrel
	Coating OD / $\phi 1.30\text{mm}$	
● Contact resistance	Initial 10m Ω max	DC 10mA
	After endurance 20m Ω max	
● Insulation resistance	100M Ω min	DC 500V
● Withstand voltage	No dielectric breakdown	AC 1,000V / min.

※ Compliant with ELV/RoHS2.

※ Contact JST for details.

Socket contact



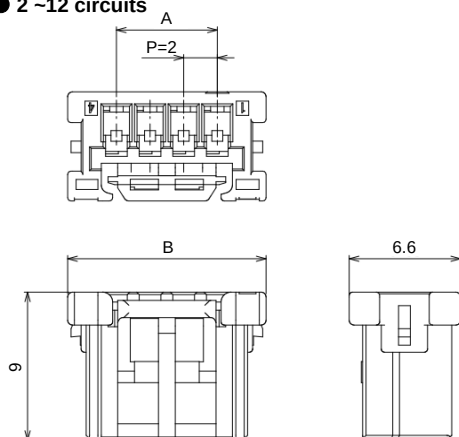
Size	Model No.	Applicable wire size		Q'ty/Reel
		Conductor AWG (mm ²)	Insulation O.D. (mm)	
S	SPAMU-01T-M0.5	#22 (0.30~0.35)	1.25~1.40	9,000
SS	SPAMU-002T-M0.5	#26 (0.13)	1.30	

Material and Finish

Copper alloy • Tin-plated (Reflow treatment)

Socket housing

● 2 ~12 circuits



Circuits	Model No.	Dimensions (mm)		Q'ty/box
		A	B	
2	PAMURP-02V-K-A	2.0	7.8	20,000
3	PAMURP-03V-K-A	4.0	9.8	20,000
4	PAMURP-04V-K-A	6.0	11.8	10,000
5	PAMURP-05V-K-A	8.0	13.8	10,000
6	PAMURP-06V-K-A	10.0	15.8	10,000
7	PAMURP-07V-K-A	12.0	17.8	10,000
8	PAMURP-08V-K-A	14.0	19.8	10,000
10	PAMURP-10V-K-A	18.0	23.8	5,000
12	PAMURP-12V-K-A	22.0	27.8	5,000

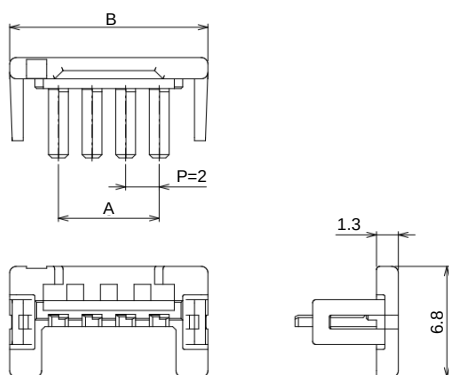
Material and Finish

Housing : PBT-GF • Black

Note) Color/Key codes other than above-mentioned housing are also available.
Contact JST for details.

Retainer

● 2 ~12 circuits



Circuits	Model No.	Dimensions (mm)		Q'ty/box
		A	B	
2	PAMUS-02V-(\$)	2.0	7.8	20,000
3	PAMUS-03V-(\$)	4.0	9.8	20,000
4	PAMUS-04V-(\$)	6.0	11.8	10,000
5	PAMUS-05V-(\$)	8.0	13.8	10,000
6	PAMUS-06V-(\$)	10.0	15.8	5,000
7	PAMUS-07V-(\$)	12.0	17.8	5,000
8	PAMUS-08V-(\$)	14.0	19.8	5,000
10	PAMUS-10V-(\$)	18.0	23.8	5,000
12	PAMUS-12V-(\$)	22.0	27.8	5,000

Material and Finish

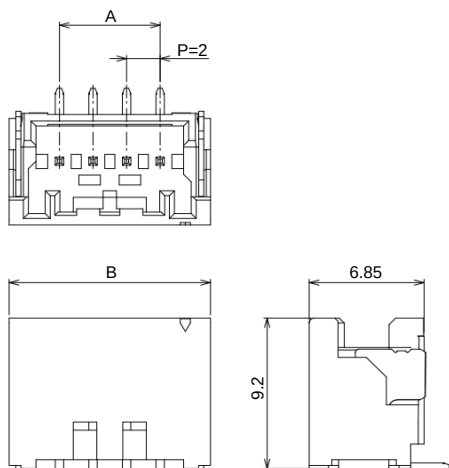
Housing : PBT-GF • Natural , Black

Note) The above housing is available in two colors.
Contact JST for details.

(\$): S...Natural
K...Black

Base Connector Top entry type

● 2 ~12 circuits



Circuits	Model No.	Dimensions (mm)		Q'ty/box
		A	B	
2	BM02B-PAMUK-A-(*)	2.0	8.0	4,500
3	BM03B-PAMUK-A-(*)	4.0	10.0	3,500
4	BM04B-PAMUK-A-(*)	6.0	12.0	3,500
5	BM05B-PAMUK-A-(*)	8.0	14.0	3,500
6	BM06B-PAMUK-A-(*)	10.0	16.0	3,500
7	BM07B-PAMUK-A-(*)	12.0	18.0	2,500
8	BM08B-PAMUK-A-(*)	14.0	20.0	2,500
10	BM10B-PAMUK-A-(*)	18.0	24.0	2,000
12	BM12B-PAMUK-A-(*)	22.0	28.0	2,000

Material and Finish

Housing	: [2~8 circuits] PA-GF • Black [10,12 circuits] LCP • Black
Solder tab	: Copper alloy • Tin-plated (Reflow treatment)
Post	: Copper alloy • Tin-plated (Reflow treatment)

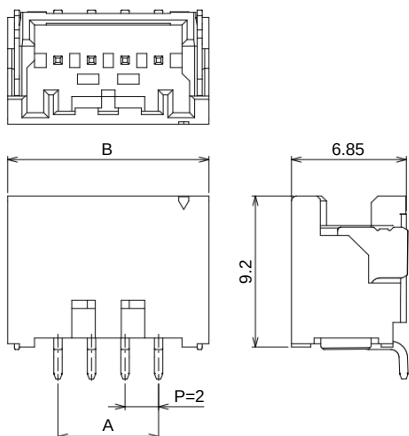
Note) Color/Key codes other than above-mentioned housing are also available.
Contact JST for details.

(*) : TB...taping product

TBT...taping product with suction tape

Base Connector Side entry type

● 2 ~12 circuits



Circuits	Model No.	Dimensions (mm)		Q'ty/box
		A	B	
2	SM02B-PAMUK-A-TF	2.0	8.0	6,300
3	SM03B-PAMUK-A-TF	4.0	10.0	4,900
4	SM04B-PAMUK-A-TF	6.0	12.0	4,900
5	SM05B-PAMUK-A-TF	8.0	14.0	4,900
6	SM06B-PAMUK-A-TF	10.0	16.0	4,900
7	SM07B-PAMUK-A-TF	12.0	18.0	3,500
8	SM08B-PAMUK-A-TF	14.0	20.0	3,500
10	SM10B-PAMUK-A-TF	18.0	24.0	2,800
12	SM12B-PAMUK-A-TF	22.0	28.0	2,800

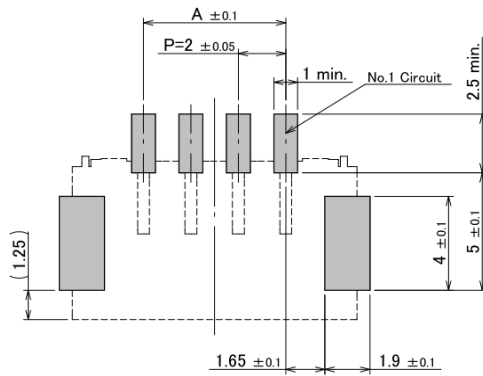
Material and Finish

Housing	: [2~8 circuits] PA-GF • Black [10,12 circuits] LCP • Black
Solder tab	: Copper alloy • Tin-plated (Reflow treatment)
Post	: Copper alloy • Tin-plated (Reflow treatment)

Note) Color/Key codes other than above-mentioned housing are also available.
Contact JST for details.

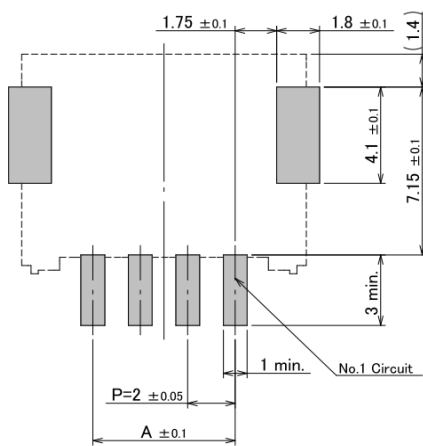
PC board layout

●Top entry type



Circuits	Dimensions (mm)
	A
2	2.0
3	4.0
4	6.0
5	8.0
6	10.0
7	12.0
8	14.0
10	18.0
12	22.0

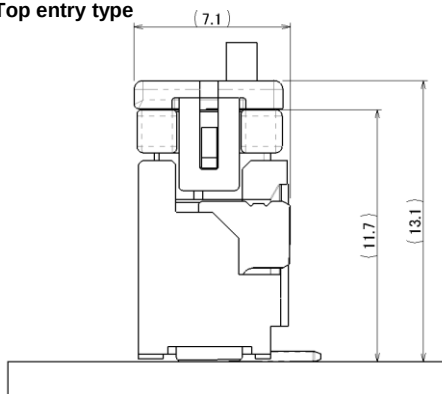
●Side entry type



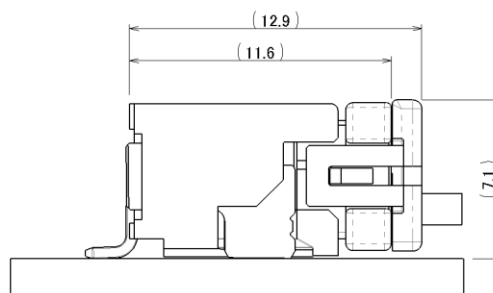
Circuits	Dimensions (mm)
	A
2	2.0
3	4.0
4	6.0
5	8.0
6	10.0
7	12.0
8	14.0
10	18.0
12	22.0

Assembly layout

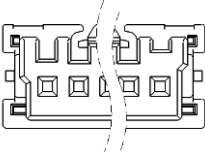
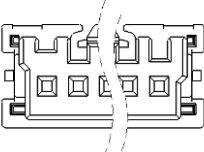
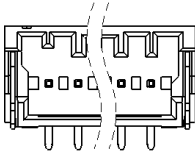
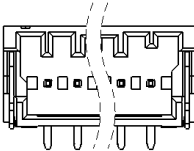
●Top entry type



●Side entry type



Keycode

Keycode		A	B
Housing color		Black	Natural
Configuration			
			
Socket housing		PAMURP-()V-K-A	PAMURP-()V-S-B
Base	Top entry type	BM()B-PAMUK-A-(*)	BM()B-PAMUS-B-(*)
	Side entry type	SM()B-PAMUK-A-TF	SM()B-PAMUS-B-TF

Note) Contact JST for details.

(*) : TB・・・taping product

TBT・・・taping product with suction tape

Crimping machine, Applicator

Strip terminal	Crimping machine	Applicator	Crimp applicator with dies
SPAMU-01T-M0.5	AP-K2N	MKS-L-10	APLMK SPAMU01-05
SPAMU-002T-M0.5			APLMK SPAMU002-05

Note) 1. Contact JST for details.

2. When crimping operation is conducted using an applicator and die set other than the above, JST cannot guarantee the performance of the terminal.