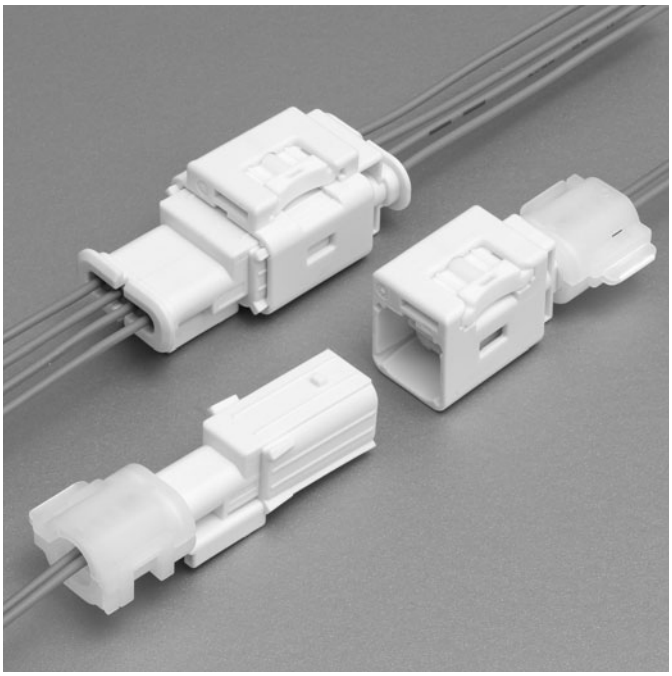
SAB CONNECTOR

Wire-to-wire



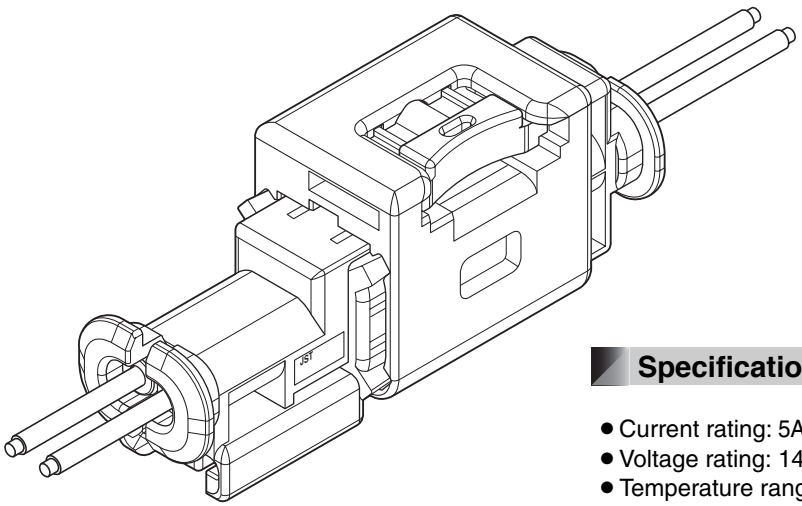
0.64mm single sealed wire to wire connector with rigid design and spring lock mechanism for air-bag application.
Spring force prevents half-mating during mating and keeps constant rigid connection between male and female connector.
This connecter has short terminal to prevent accidental electrical discharge.

Features

●0.64mm Single Sealed Connector for Air-bag Application

●Anti Vibration Mechanism
High reliability rigid connector enables to keep higher durability at shock and vibrated environment.

●Fool Proof Systems
Compression spring prevents half-connecting.

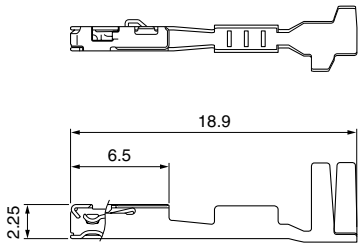


Specifications

- Current rating: 5A AC, DC max.
- Voltage rating: 14V DC
- Temperature range: -40°C to +80°C
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/10mΩ max.
  After environmental testing/20mΩ max.
- Insulation resistance: 100MΩ min.
- Withstanding voltage: 1,000V AC/minute
- Applicable wire: AVSS 0.5mm^2

∗ Compliant with ELV/RoHS.
∗ Contact JST for details.

Female terminal

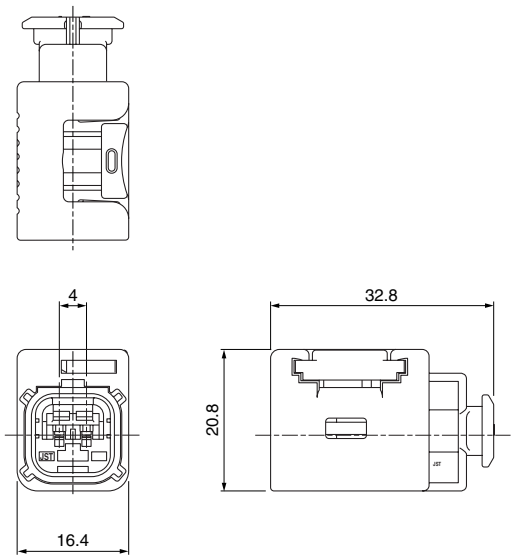


Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm^2)	Insulation O.D. (mm)	
SAITS-A03GF-M064	0.5	1.6 to 1.7	3,500

Material and Finish
Copper alloy, nickel-undercoated, Contact area; gold-plated Barrel area; tin-plated

Female connector

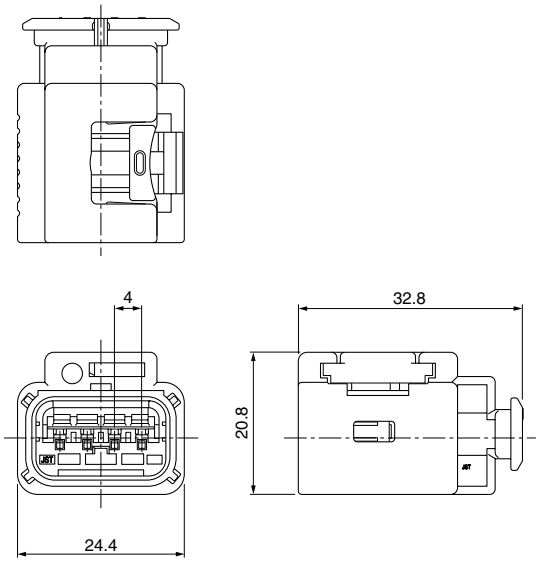
● **2 circuits**



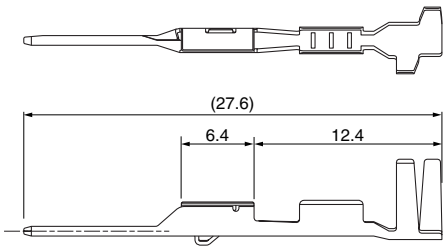
Circuits	Model No.	Q'ty/box
2	**SABRB-02-1A-Y**	125
4	**SABRB-04-1A-Y**	100

Material
Housing: Glass-filled PBT, yellow Slider: Glass-filled PBT, natural (white) Retainer: Glass-filled PBT, natural (white) Spring: SUS Inner seal: Silicone

● **4 circuits**



Male terminal

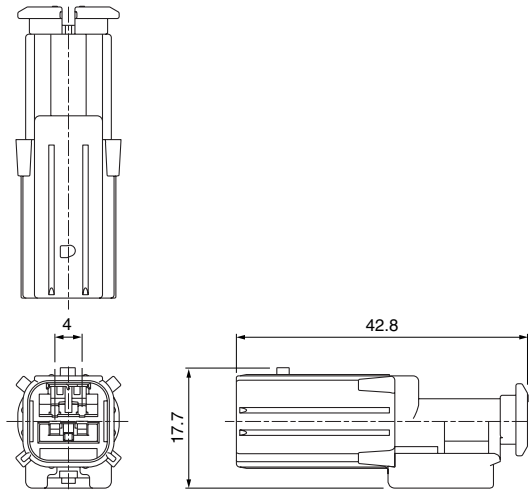


Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm^2)	Insulation O.D. (mm)	
SAITWS-A03GF-064	0.5	1.6 to 1.7	3,500

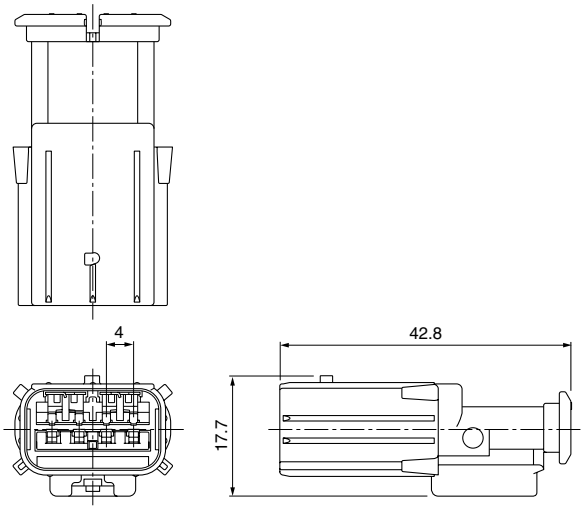
Material and Finish
Brass, nickel-undercoated, Contact area; gold-plated Barrel area; tin-plated

Male connector

● **2 circuits**



● **4 circuits**

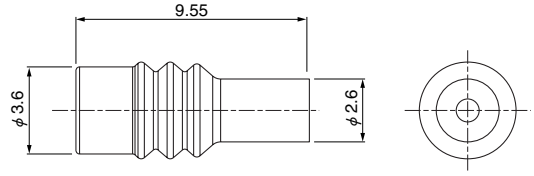


Circuits	Model No.	Q'ty/box
2	**SABPB-02-1A-Y**	125
4	**SABPB-04-1A-Y**	100

Material and Finish
Housing: Glass-filled PBT, yellow Retainer: Glass-filled PBT, natural (white) Short terminal: Copper alloy, nickel-undercoated, Contact area; gold-plated

Wire seal

● **2, 4 circuits**

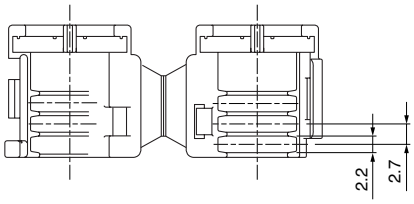


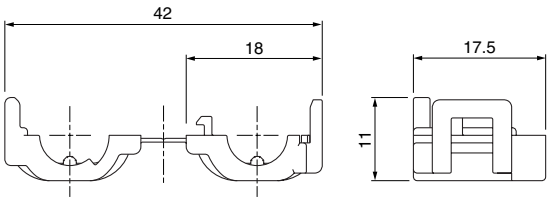
Model No.	Applicable wire range		Q'ty/box
	Conductor (mm^2)	Insulation O.D. (mm)	
A03WS-SAB-N	0.5	1.6 to 1.7	10,000

Material
Silicone

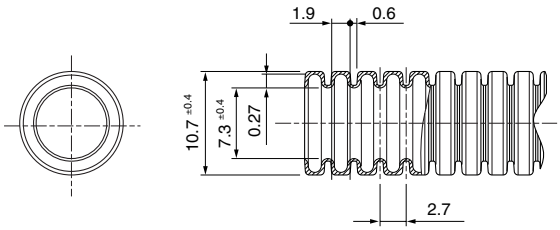
Cover

● **2 circuits**





Recommended corrugate tube layout



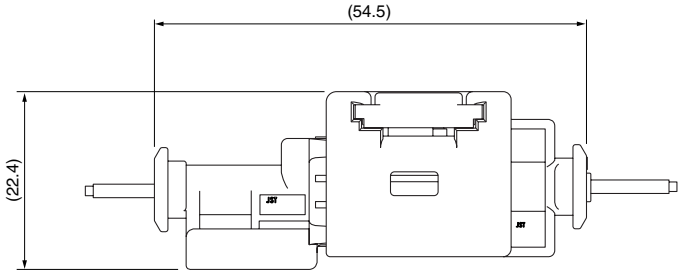
Model No.	Q'ty/box
Note) **SABC-02-1A-W**	200

Material
PP, natural (white)

Note: Cover is applicable only for 2 circuits.

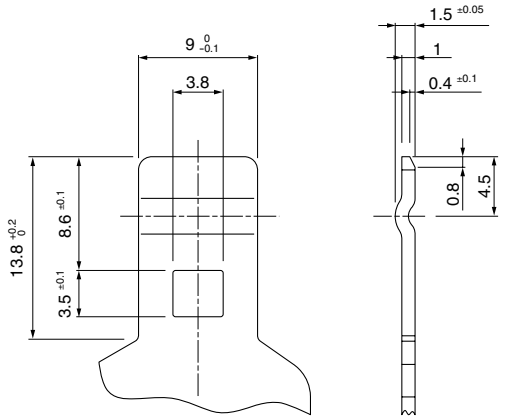
Assembly layout

● **2, 4 circuits**

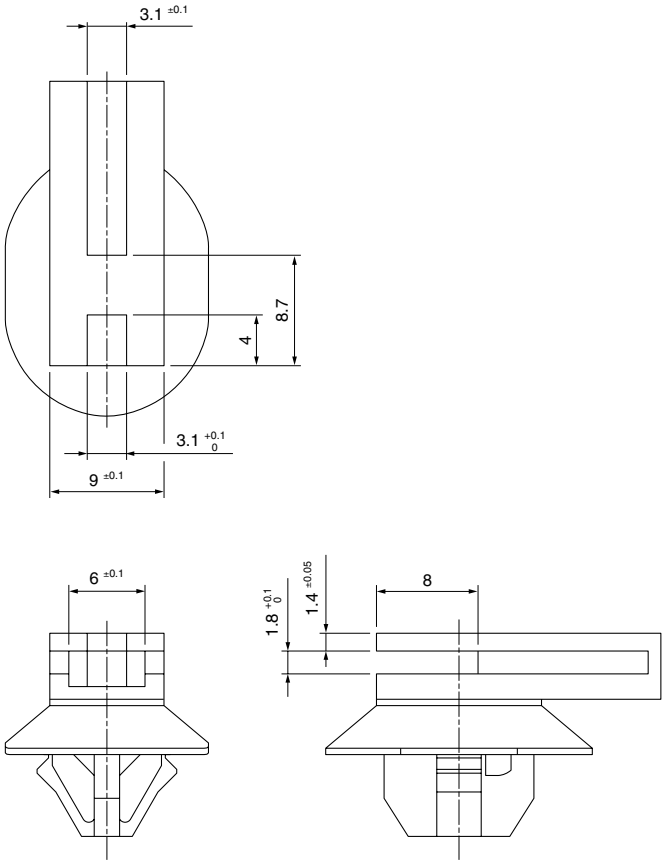


Cassette layout

Recommended bracket layout



Recommended clip layout



Note: 1. The dimensions above should serve as guideline. Contact JST for details.
2. JST recommends to use clip which is made of PA.

Crimping machine, Applicator

Strip terminal	Crimping machine	Crimp applicator MKS-L	
		Dies	Crimp applicator with dies
SAITS-A03GF-M064	AP-K2N	MK/SAITS-A03-064	APLMK SAITS-A03-064
SAITWS-A03GF-064		MK/SAITWS-A03-064	APLMK SAITWS-A03-064

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

Mouser Electronics

Authorized Distributor

Click to View Pricing, Inventory, Delivery & Lifecycle Information:

JST:

SABC-02-1A-W SABRB-02-1A-Y SABPB-02-1AY A03WS-SAB-N SABPB-02-1A-Y (B) SAITS-A03GF-M064-A SAITWS-A03GF-064

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