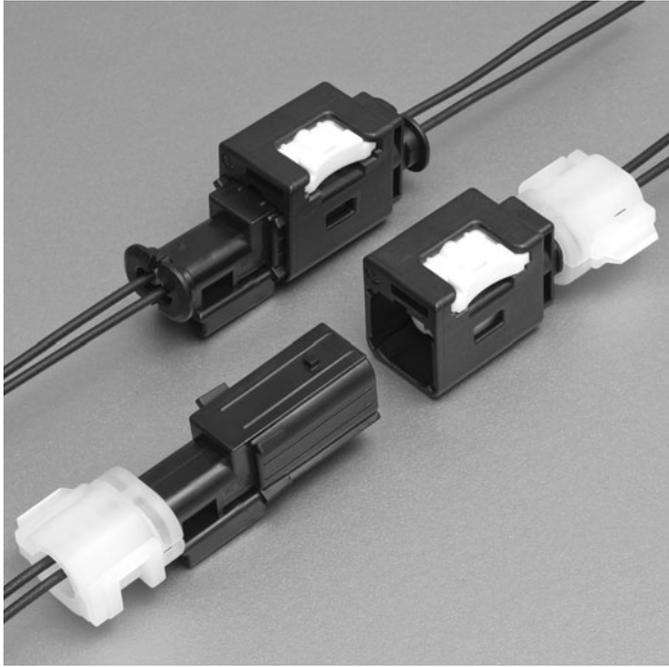


FAB CONNECTOR

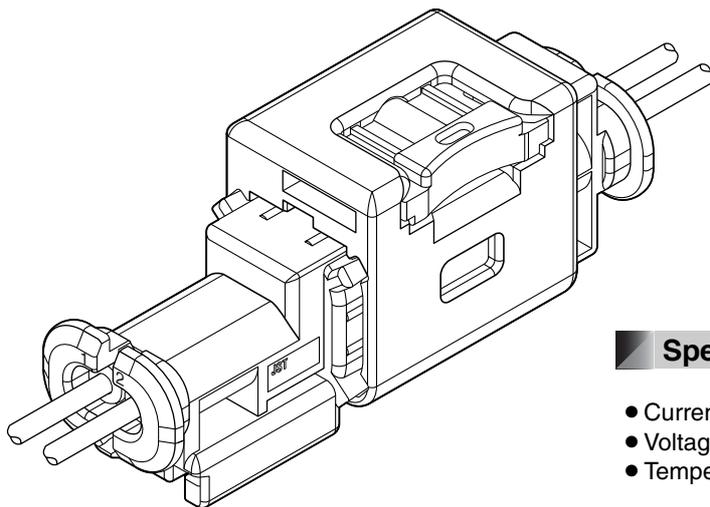
Wire-to-wire



Features

- **0.64mm Single Sealed Connector**
- **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.

0.64mm single sealed wire-to-wire connector with rigid design and spring lock mechanism. Spring force prevents half-mating during mating and keeps constant rigid connection between male and female connector.

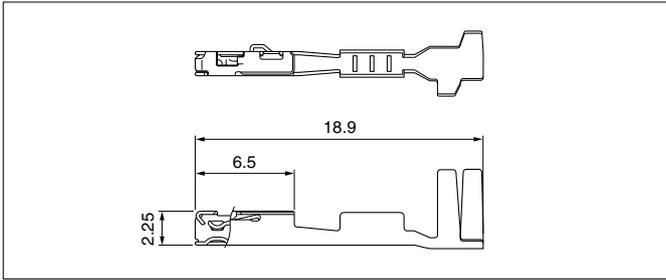


Specifications

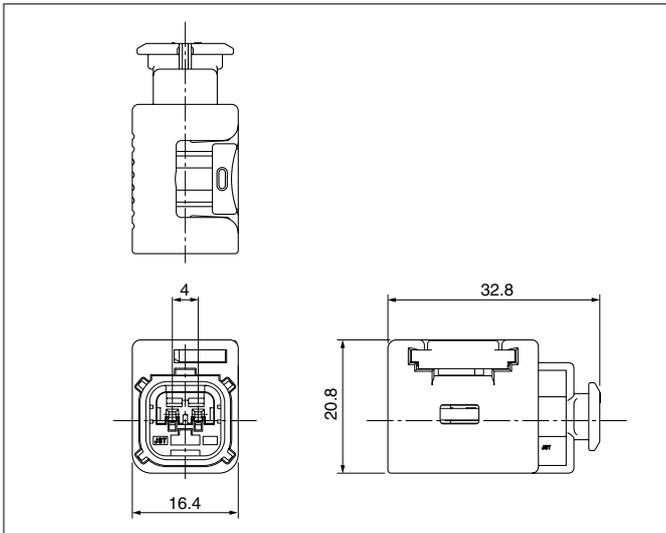
- Current rating: 5A DC max.
- Voltage rating: 14V DC
- Temperature range: -40°C to +120°C
(including temperature rise in applying electrical current)
- Contact resistance: Initial value/10mΩ max.
After environmental testing/20mΩ max.
- Insulation resistance: Initial value/250MΩ min.
After environmental testing/100MΩ min.
- Withstanding voltage: 1,000V AC/minute
- Applicable wire: AVSS, AESSX(f)
0.5mm²

- * Compliant with ELV/RoHS.
- * Contact JST for details.

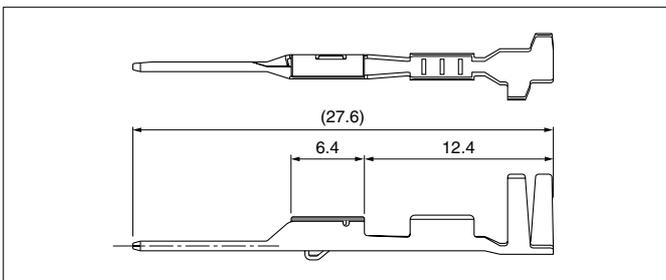
Female terminal



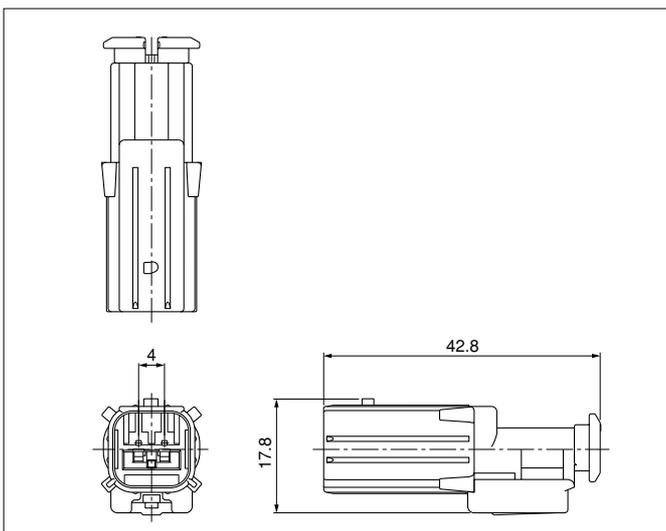
Female connector



Male terminal



Male connector



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

Circuits	Model No.	Q'ty/box
2	FABRB-02-1A-K	125

Material

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

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

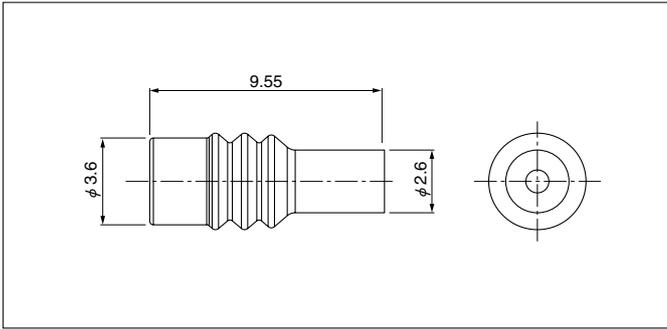
Circuits	Model No.	Q'ty/box
2	FABPB-02-2BA-K	125

Material

Housing: PA 6T, black
Retainer: Glass-filled PBT, natural (white)

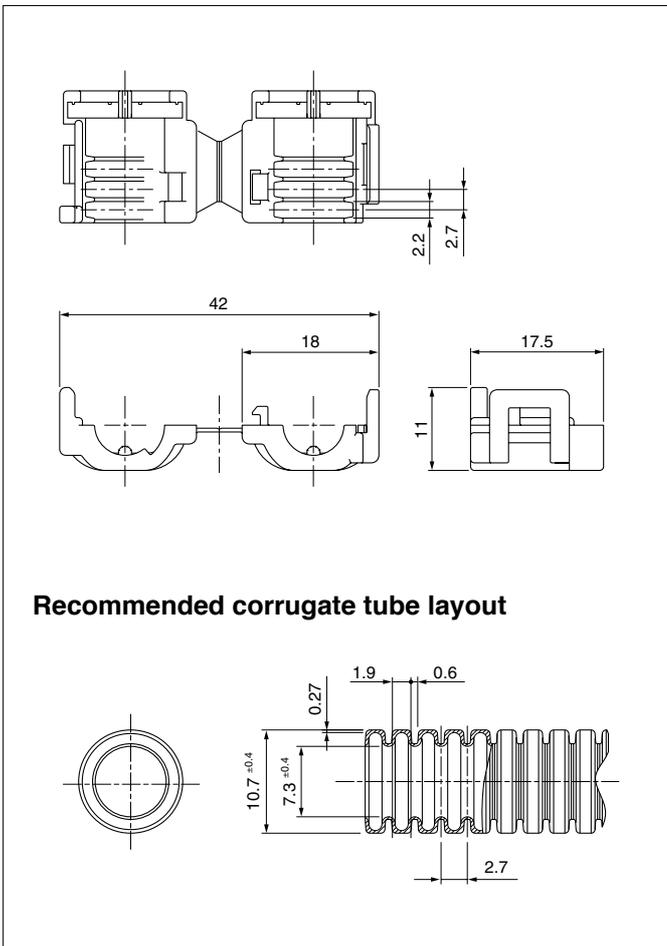
FAB CONNECTOR

Wire seal



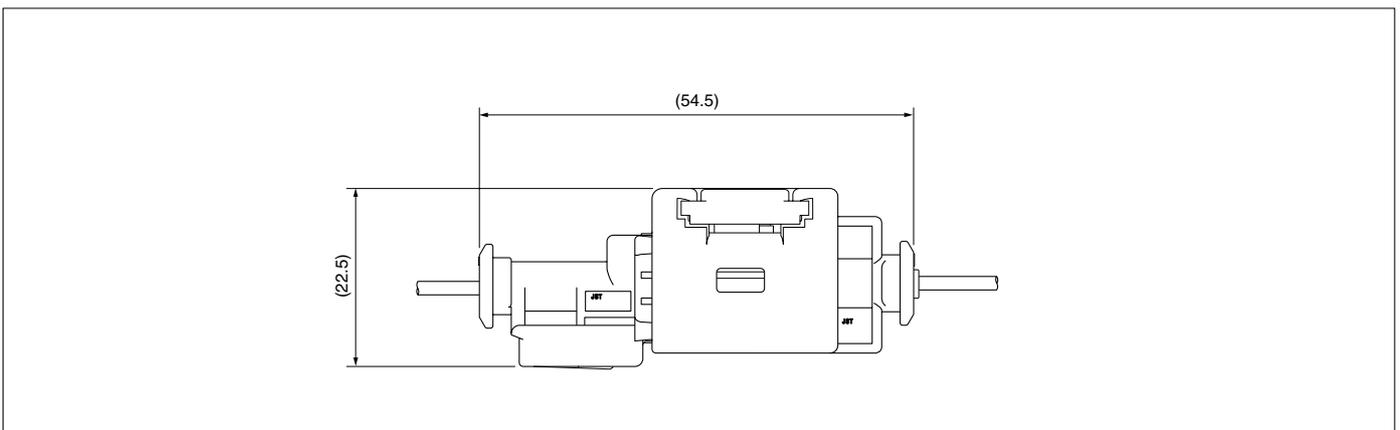
Model No.	Applicable wire range		Q'ty/box
	Conductor (mm ²)	Insulation O.D. (mm)	
A03WS-SAB-N	0.5	1.6 to 1.7	10,000
Material			
Silicone			

Cover



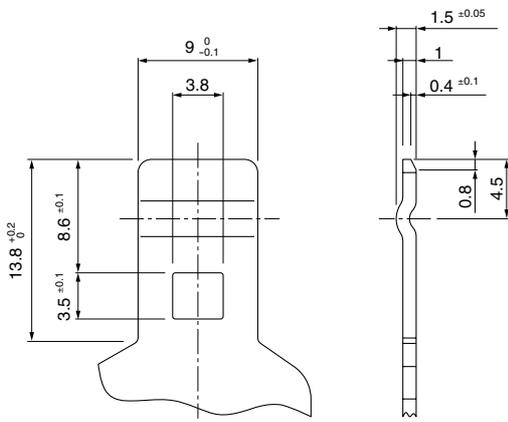
Model No.	Q'ty/box
SABC-02-1A-W	200
Material	
PP, natural (white)	

Assembly layout

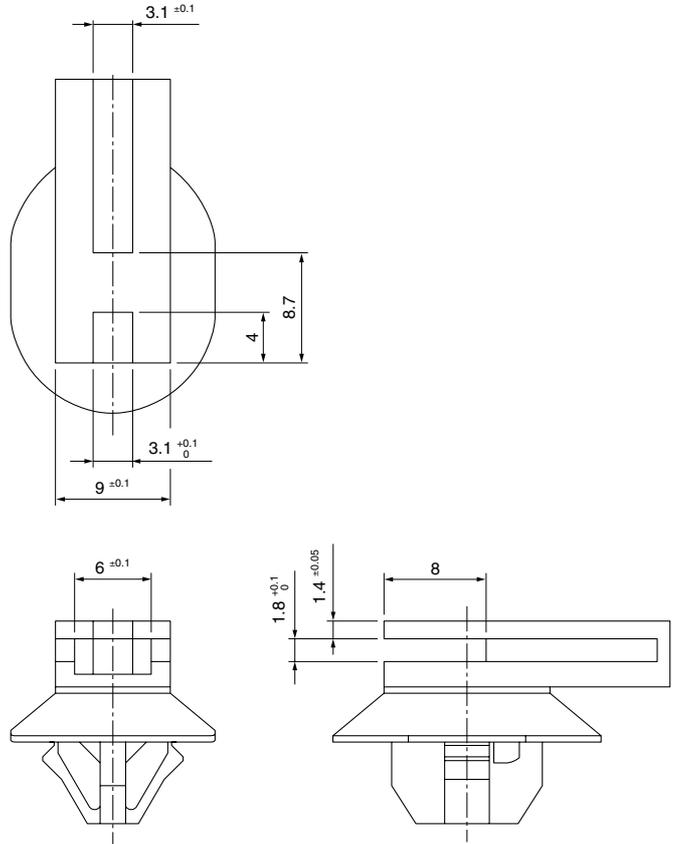


Cassette layout

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.