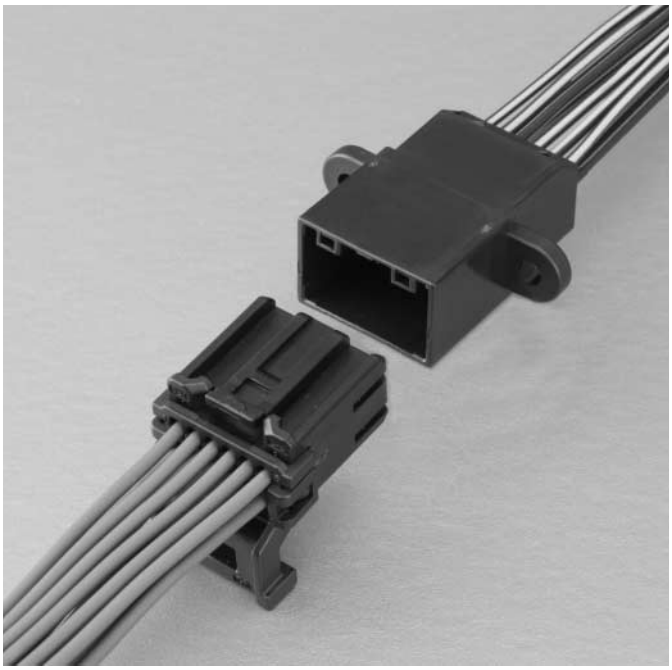
ARV CONNECTOR

Wire-to-wire



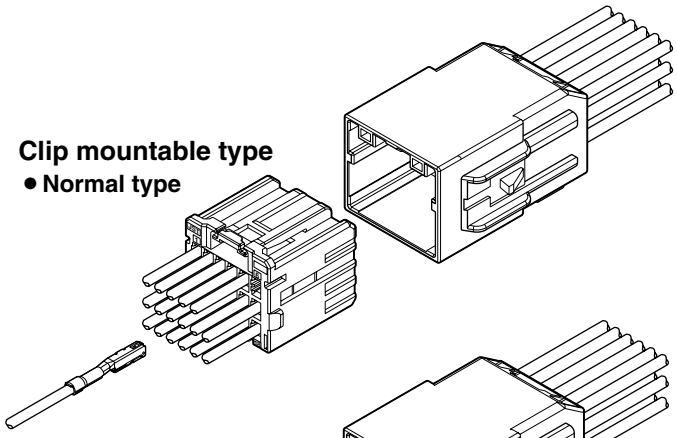
0.64 Unsealed wire-to-wire connection system for unsealed applications, requiring Automotive durability.

Features

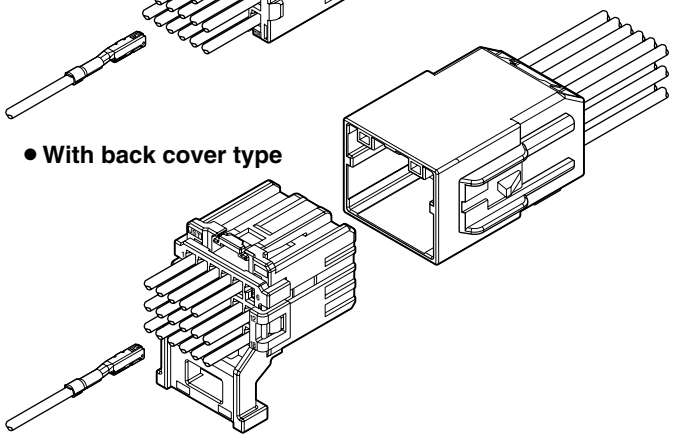
- **12 Circuits, 18 Circuits and 22 Circuits Wire-to-Wire Connection**
- **Optional Wire Routing Attachment (to optimize packaging space)**
- **Versatile Mounting Options**
- **Latch Overstress Feature**
- **Both Female and Male Connectors utilize Independent Secondary Lock for Terminal retention**

Clip mountable type

- **Normal type**

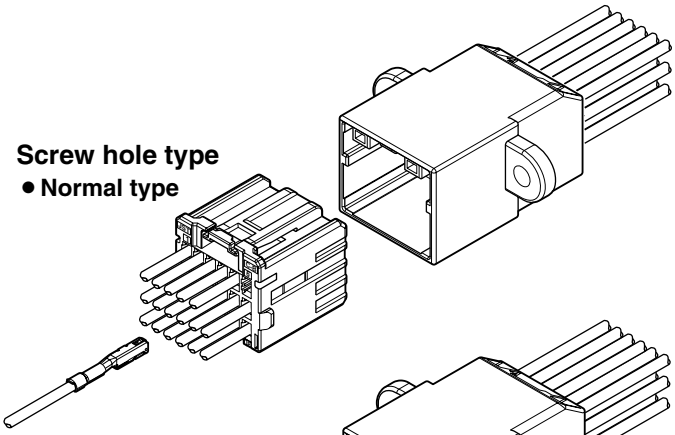


- **With back cover type**

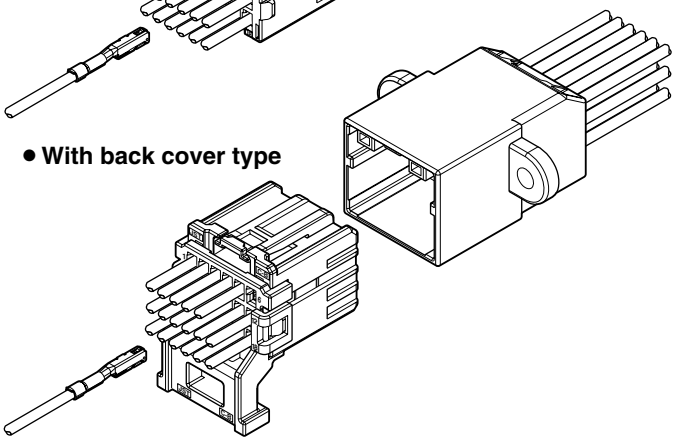


Screw hole type

- **Normal type**



- **With back cover type**



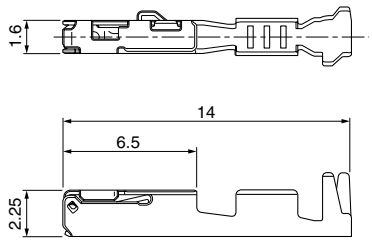
Specifications

- Current rating: 5 A DC max.
- Voltage rating: 14 V DC
- Temperature range: –40°C to +125°C
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/ 15 mΩ max.
  After environmental tests/ 15 mΩ max.
- Insulation resistance: 100 MΩ min.
- Applicable Wire: TXL/ ISO 0.35 mm^2 to 0.75 mm^2
  O.D. ≤ 1.9 mm (AWG #22 to #18)
  (Female Terminal)
  ISO 0.35 mm^2 to 0.5 mm^2
  O.D. ≤ 1.7 mm (AWG #22 to #20)
  (Male Terminal)

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

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Female terminal

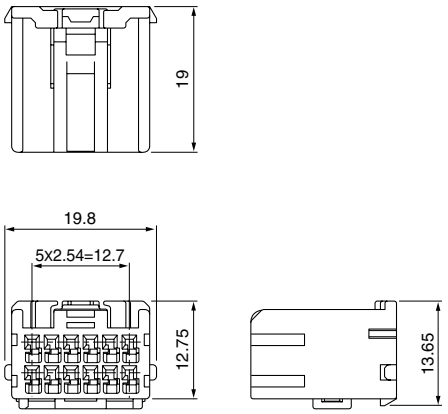


Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm^2)	Insulation O.D. (mm)	
SAIT-A03T-M064	0.35 to 0.5	≤1.9	6,500
SAIT-A02T-M064	0.75	≤1.9	6,500

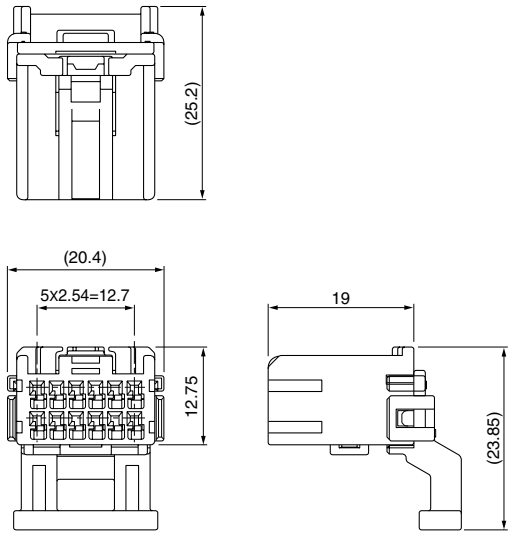
Material and Finish
Copper alloy, tin-plated (reflow treatment)

Female connector

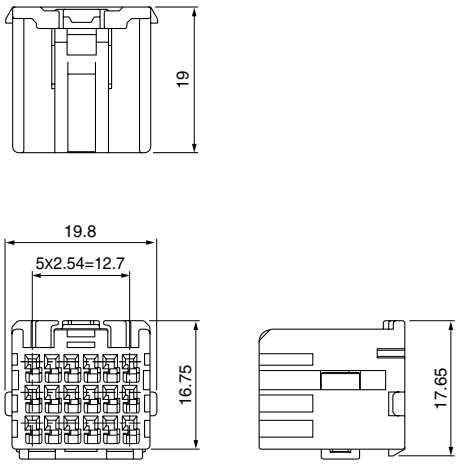
● **12 circuits**



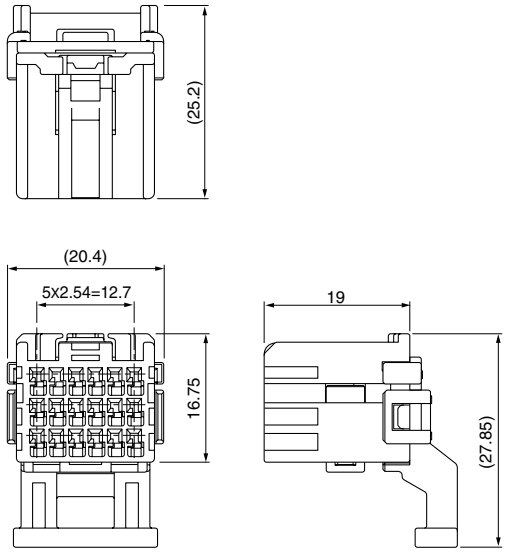
● **12 circuits (With back cover)**



● **18 circuits**



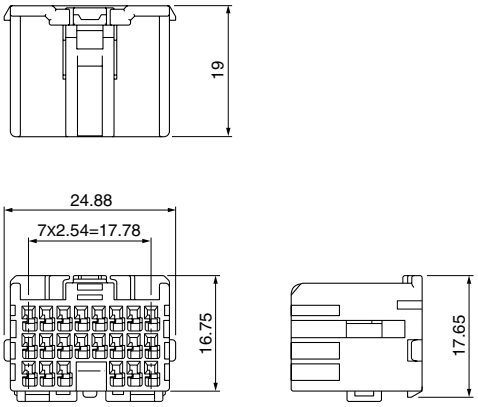
● **18 circuits (With back cover)**



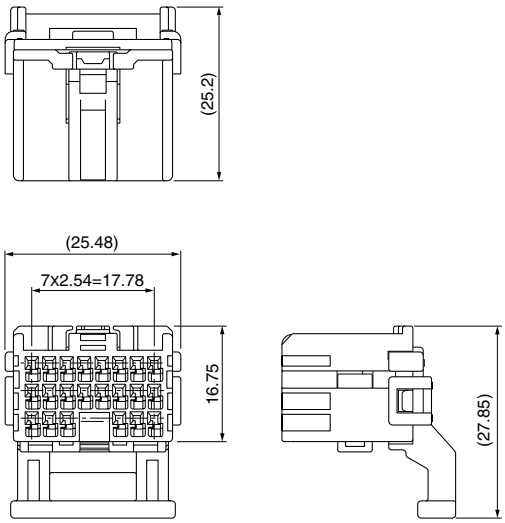
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Female connector

● **22 circuits**



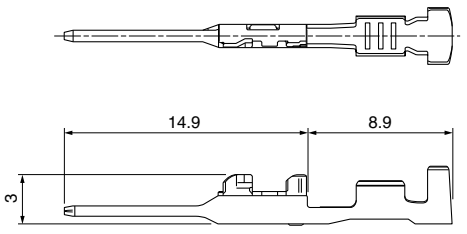
● **22 circuits (With back cover)**



Circuits	Model No.	Back Cover	Q'ty/box
12	**ARVPB-12-2AK**	No	1,500
	ARVPB-12C12-2AK	Yes	1,500
18	**ARVPB-18-3AK**	No	1,000
	ARVPB-18C18-3AK	Yes	1,000
22	**ARVPB-22-3AK**	No	600
	ARVPB-22C22-3AK	Yes	500

Material and Finish
Housing: PBT, Black TPA: Glass-filled PBT, Natural (White) Back cover: Glass-filled PBT, Black

Male terminal



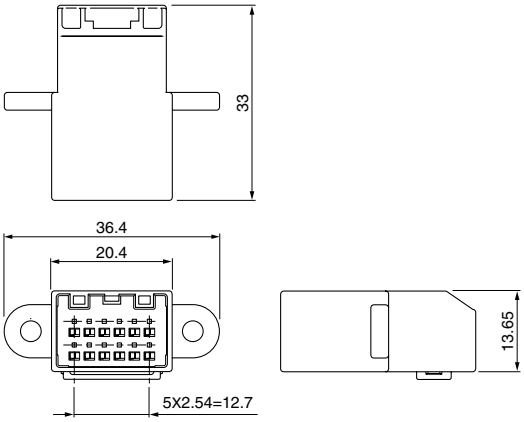
Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm^2)	Insulation O.D. (mm)	
SNAC3W-A021T-0.64	0.35 to 0.5	≤1.7	7,000

Material and Finish
Brass, tin-plated (reflow treatment)

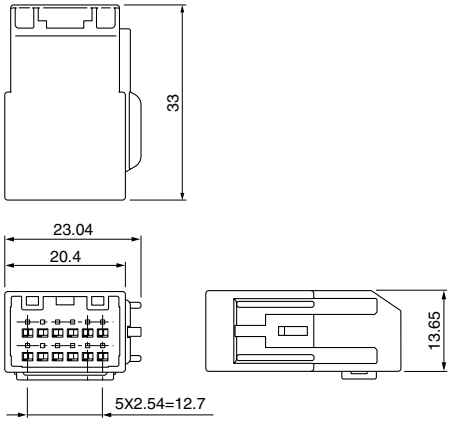
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Male connector

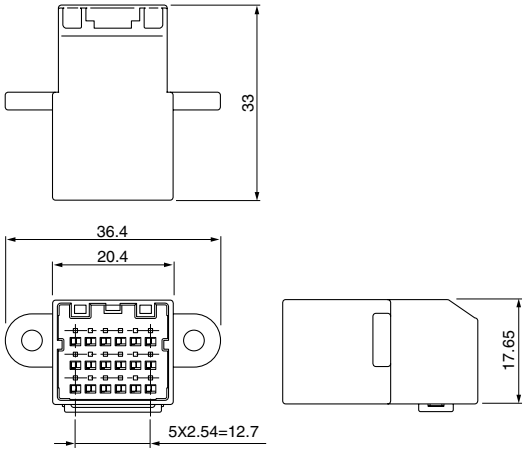
● 12 circuits (Screw hole Mountable Type)



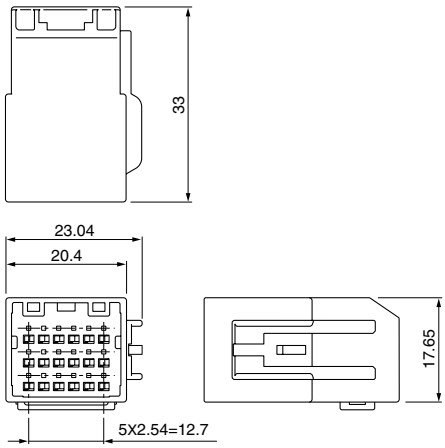
● 12 circuits (Clip Mountable Type)



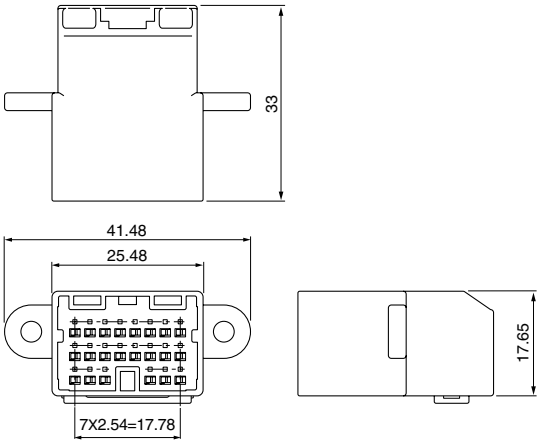
● 18 circuits (Screw hole Mountable Type)



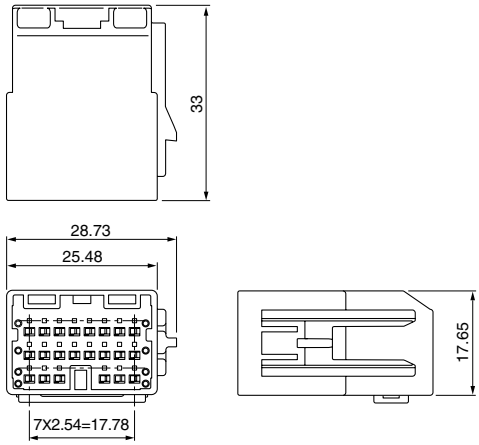
● 18 circuits (Clip Mountable Type)



● 22 circuits (Screw hole Mountable Type)



● 22 circuits (Clip Mountable Type)



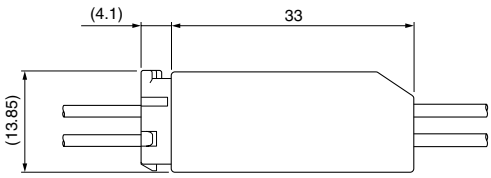
Circuits	Model No.	Mountable Style	Q'ty/box
12	**ARVWSB-12B-2AK**	Screw hole	1,000
	ARVWSB-12BC-2AK	Clip	1,000
18	**ARVWSB-18-3AK**	Screw hole	750
	ARVWSB-18C-3AK	Clip	750
22	**ARVWSB-22-3AK**	Screw hole	450
	ARVWSB-22C-3AK	Clip	450

Material and Finish
Housing: Glass-filled PBT, Black PBT, Black (22P only) TPA: Glass-filled PBT, Natural (White)

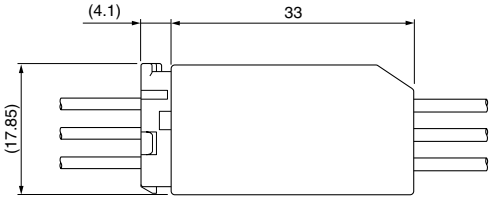
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Assemby layout

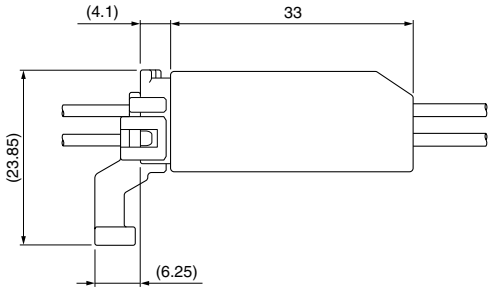
● 12 circuits



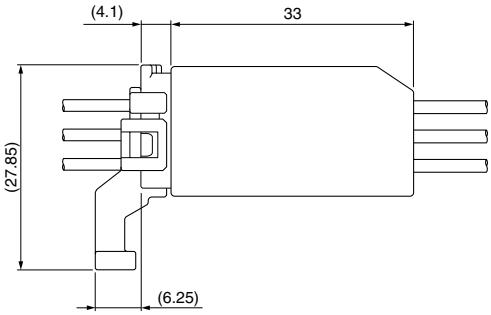
● 18, 22 circuits



● 12 circuits (With back cover)



● 18, 22 circuits (With back cover)



Crimping machine, Applicator

Strip terminal	Crimping machine	Crimp applicator MKS-L	
		Dies	Crimp applicator with dies
SAIT-A03( )-M064	AP-K2N	MK/SAIT-A03-064	APLMK SAIT-A03-064
SAIT-A02( )-M064		MK/SAIT-A02-064	APLMK SAIT-A02-064
SNAC3W-A021( )-0.64		MK/SNAC3W-A021-064	APLMK SNAC3W-A021-064

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

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Global Electronic Components Distributor

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JST:

CZHR-14V-S PAP-16V-S PSIP-10V-LE SJ2M-01GF-M1.0N SM08B-NSHSS-TB(LF)(SN) SMR-02V-B XMS-03V BM02B-NSHSS-TBT HLP-03V RF-H102TD-1130 S7B-PH-K-S(LF)(SN) XMR-02V 04JQ-BT SM09B-ZESS-TB (LF)(SN) SRC-51T-M4 VLS-03V BM02B-NSHSS-TBT (LF)(SN) BM24B-ZPDSS-TF (LF)(SN) SJWPST-21T-M1.0N XADRP-18V SMP-10V-NC XARP-05V S02B-XASS-1 ELR-04V PUDP-34V-S SFKR-02V-S 04P-SJN SMR-10V-N WC-491 8P-SAN