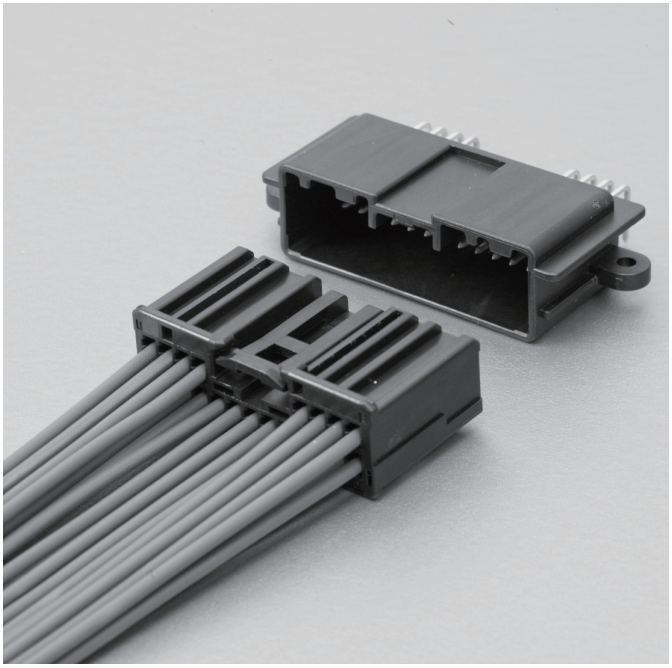
ATL CONNECTOR

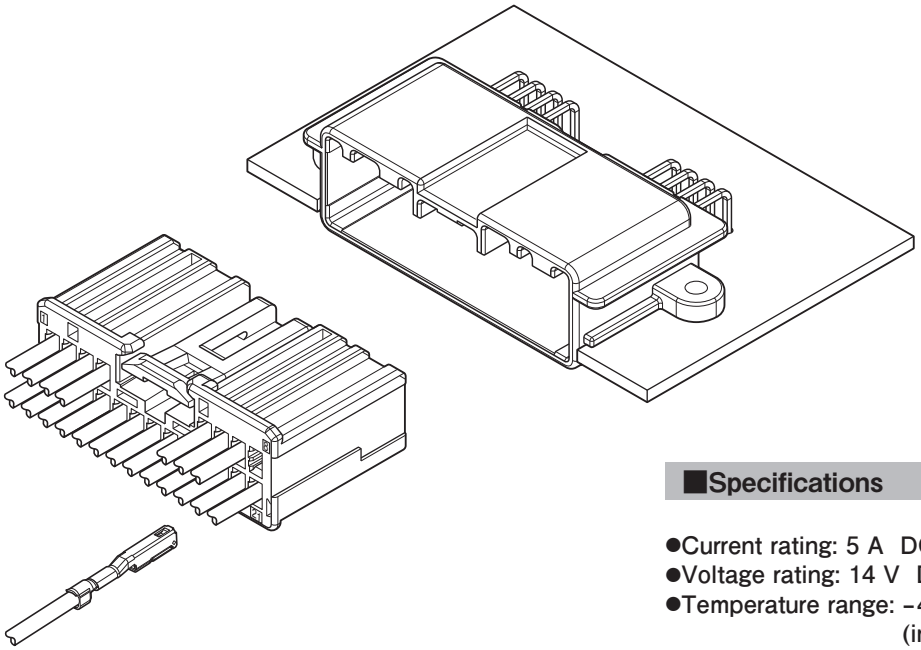
Board-to-wire



21 Circuits 0.64 Unsealed Connector system.
Ultra low profiled design for high density PCB placement.

■Features

- **21Circuits: 0.64 Unsealed Connector**
- **Unique PCB mounting, low profile side entry design**
- **Varieties of Color and Key code options are available**

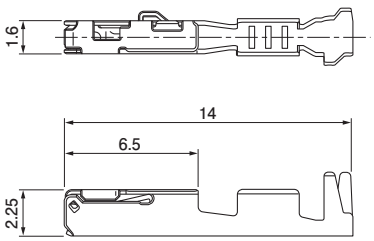


■Specifications

- 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: SAE/AVSS/CAVS
  0.3 mm^2 to 0.8 mm^2

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

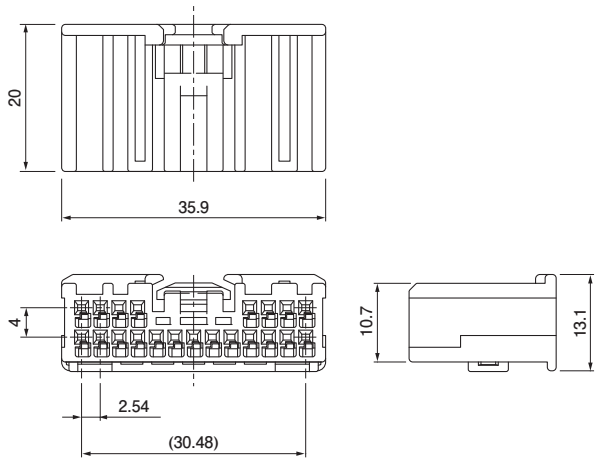
Female terminal



Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm^2)	Insulation O.D. (mm)	
①SAIT-A03T-M064	0.3 to 0.5	≤1.9	6,500
①SAIT-A02T-M064	0.75 to 0.8	≤1.9	6,500
②SAIT-A03GF-M064	0.3 to 0.5	≤1.9	6,500
②SAIT-A02GF-M064	0.75 to 0.8	≤1.9	6,500

Material and Finish
①Copper alloy, tin-plated (reflow treatment) ②Copper alloy, nickel-undercoated, Contact area; gold-plated Barrel area; tin-plated

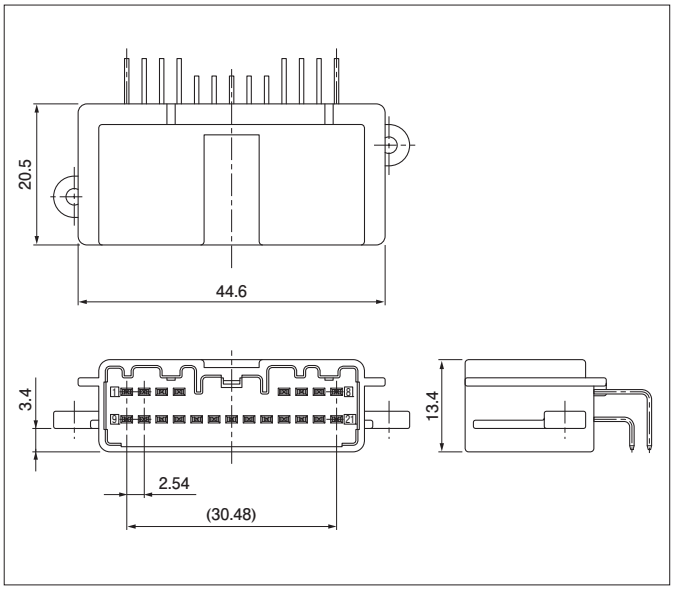
Female connector



Circuits	Model No.	Key Code	Q'ty/box	Housing Color	TPA Color
21	ATLPB-21-2AK	A	1,500	Black	Natural (White)
	ATLPB-21-2BH	B	1,500	Gray	Natural (White)
	ATLPB-21-2CD	C	1,500	Orange	Black
	ATLPB-21-2DD	D	1,500	Orange	Natural (White)

Material and Finish
Housing: PBT TPA: Glass-filled PBT

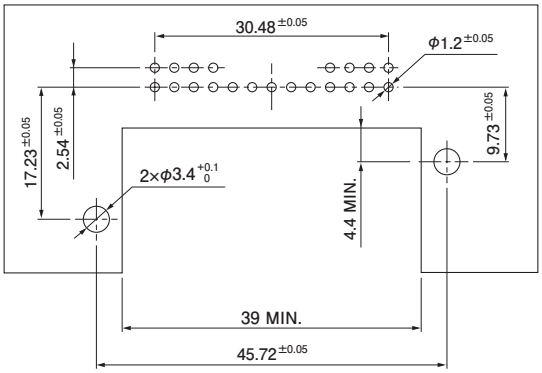
Male connector

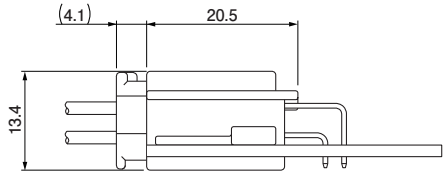


Circuits	Model No.	Key Code	Q'ty/box	Housing Color
21	S21BA-ATL-2AK	A	700	Black
	S21BA-ATL-2BH	B	700	Gray
	S21BA-ATL-2CD	C	700	Orange
	S21BA-ATL-2DD	D	700	Orange

Material and Finish
Housing: Glass-filled PBT Pin: Brass, tin-plated

PC board layout, Assembly layout





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

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

Unikeyic Electronics

Global Electronic Components Distributor

Click to view pricing, inventory, delivery, and lifecycle information:

JST:

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