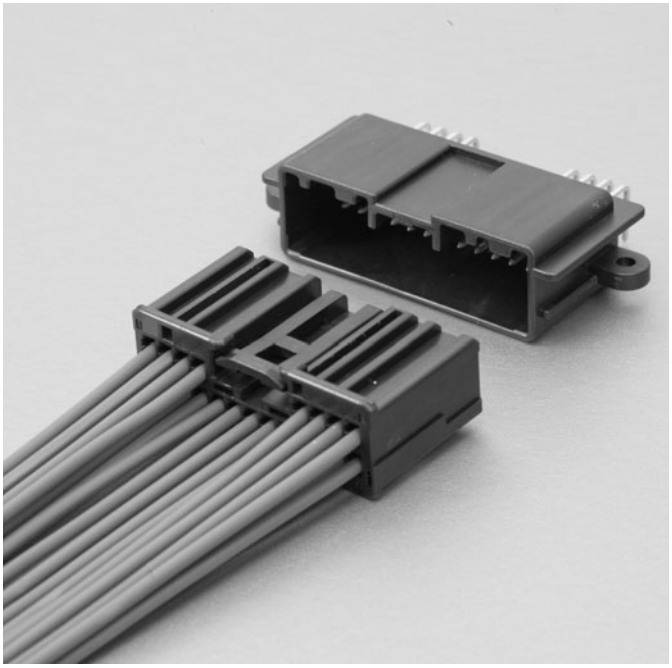
ATL CONNECTOR

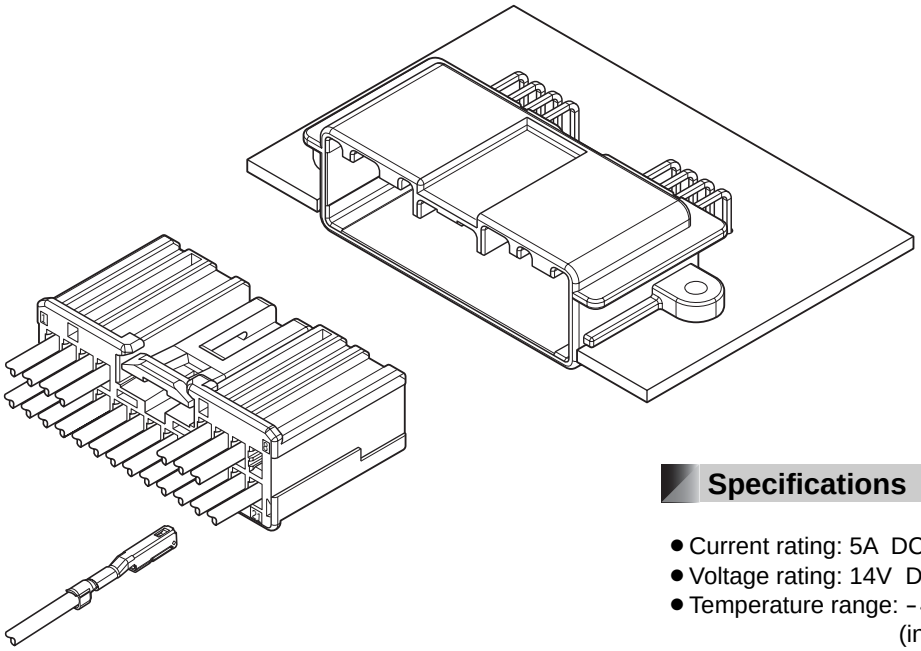
Board-to-wire



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**

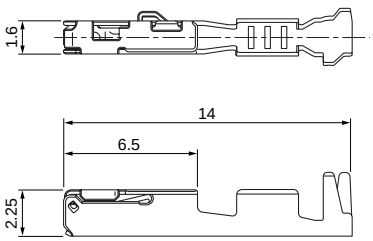


Specifications

- Current rating: 5A DC max.
- Voltage rating: 14V DC
- Temperature range: –40°C to +125°C
  (including temperature rise in applying electrical current)
- Contact resistance: Initial value/15mΩ max.
  After environmental testing/15mΩ max.
- Insulation resistance: 100MΩ min.
- Applicable wire: SAE/AVSS/CAVS
  0.3mm^2 to 0.8mm^2

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

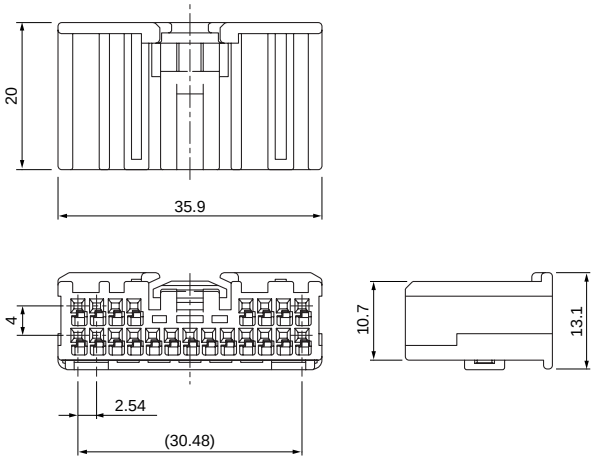
Female terminal



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

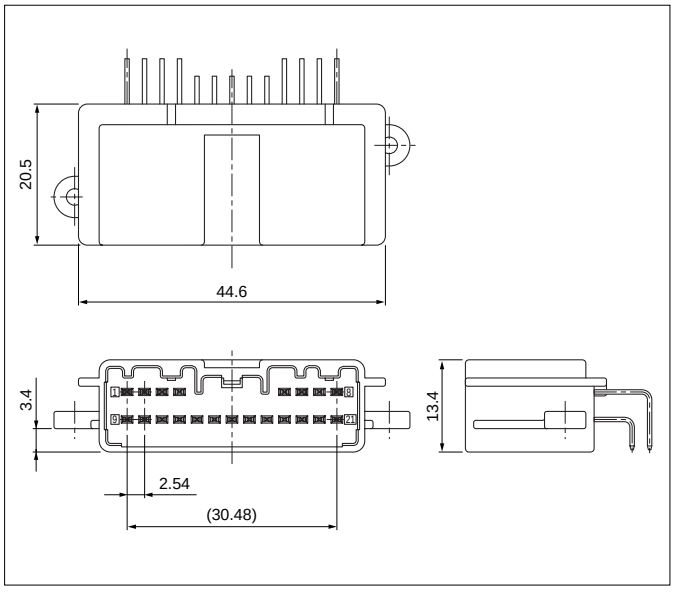
Female connector



Circuits	Model No.	Key Code	Q'ty/box	Housing Color	TPA Color
21	**ATLPB-21-2AK**	A	1,000	Black	Natural (White)
	ATLPB-21-2BH	B	1,000	Gray	Natural (White)
	ATLPB-21-2CD	C	1,000	Orange	Black
	ATLPB-21-2DD	D	1,000	Orange	Natural (White)

Material
Housing: PBT TPA: Glass-filled PBT

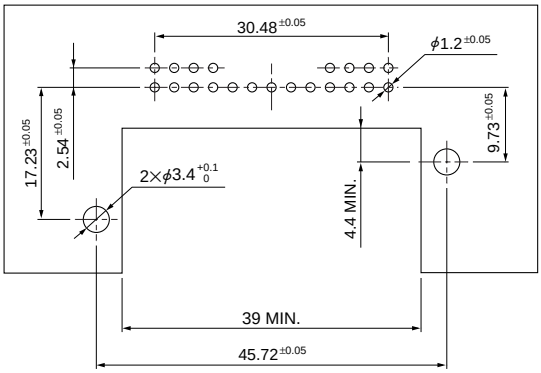
Male connector

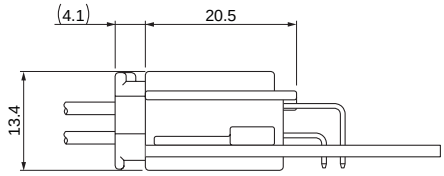


Circuits	Model No.	Key Code	Q'ty/box	Housing Color
21	**S21BA-ATL-2AK**	A	600	Black
	S21BA-ATL-2BH	B	600	Gray
	S21BA-ATL-2CD	C	600	Orange
	S21BA-ATL-2DD	D	600	Orange

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.

Mouser Electronics

Authorized Distributor

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

JST:

S21BA-ATL-2BH SAIT-A03T-M064 ATLPB-21-2AK ATLPB-21-2DD S21BA-ATL-2CD SAIT-A02GF-M064 ATLPB-21-2BH ATLPB-21-2CD S21BA-ATL-2AK S21BA-ATL-2DD SAIT-A02T-M064 SAIT-A03GF-M064