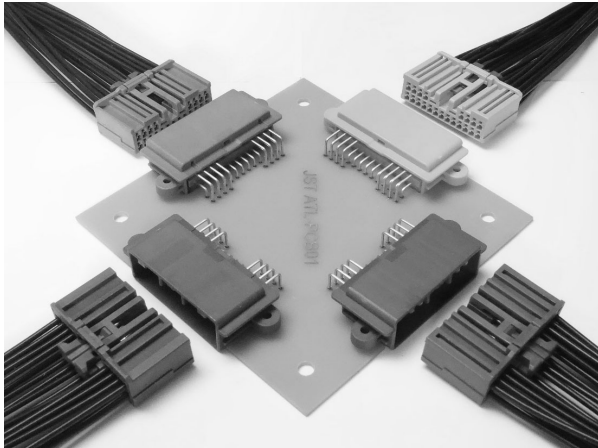
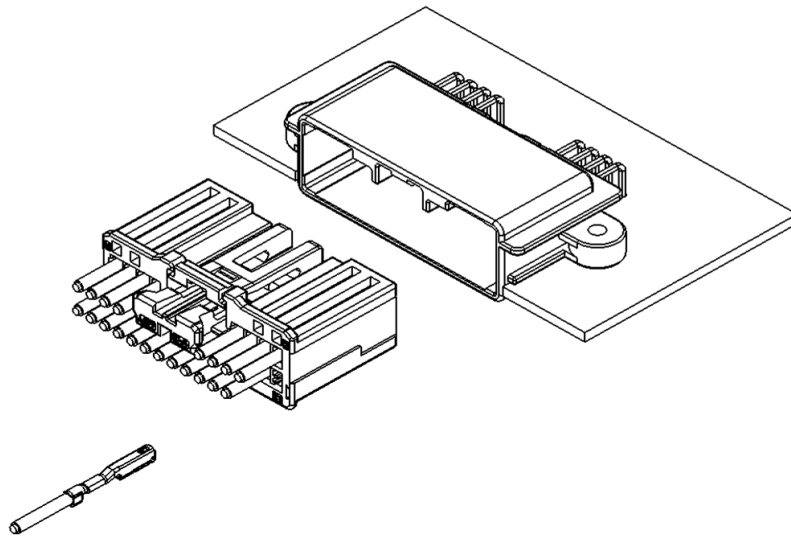


ATLF[®]CONNECTOR

Board-to-wire



21 Circuits 0.64 Unsealed Connector System with CPA and ISL TPA. Ultra-low profile design for high density PCB placement with multiple key codes.



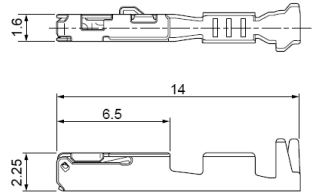
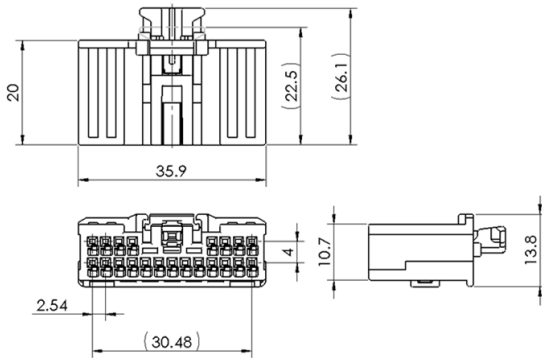
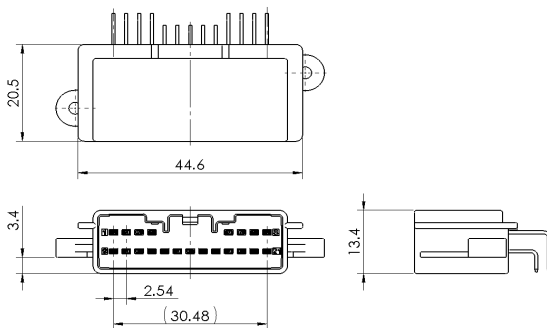
■ Features

- 21 Circuits: 0.64 Unsealed Connector
- Independent Secondary Lock Terminal Position Assurance (ISL TPA)
- Connector Position Assurance (CPA)
- Unique PCB mounting, Ultra-low profile side entry design
- 9 Unique Physical and Color Key Options
- For Automotive Applications

■ 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.
- Isolation resistance : 100 MΩ min.
- Applicable wire : ISO
0.35-0.75mm²

*Compliant with ELV/RoHS2.
*Contact JST for details.

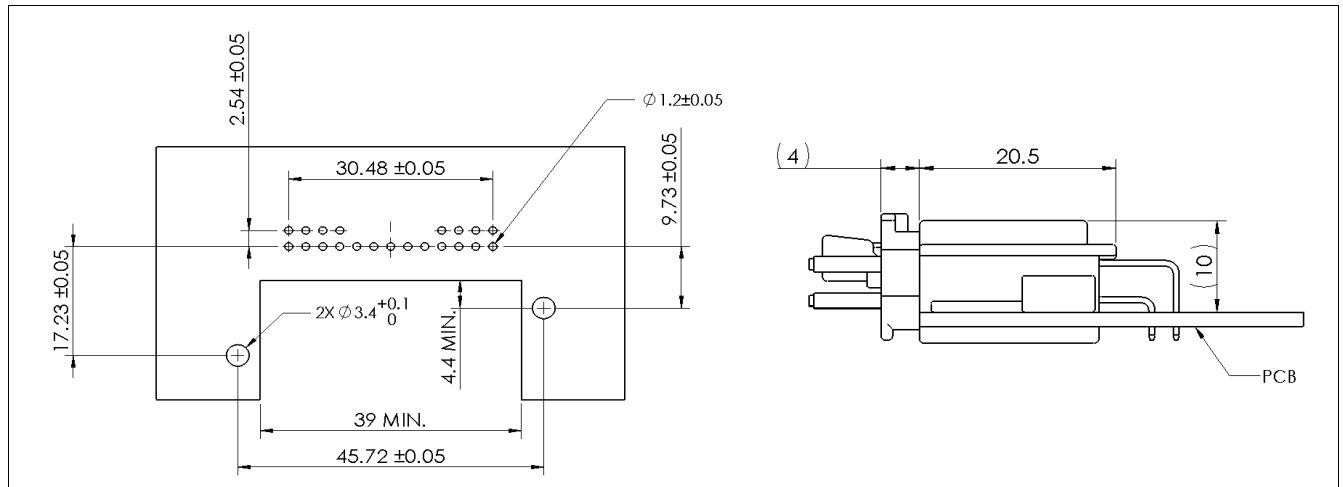
Female terminal

Female connector

Male connector


Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm ²)	Insulation O.D. (mm)	
SAIT-A03T-M064	0.3 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)			

Circuits	Model No.	Key Code	Housing Color	TPA Color	Q'ty/box
21	ATLFPB-21-2GS	G	White	Black	1,000
	ATLFPB-21-2HK	H	Black	Natural	1,000
	ATLFPB-21-2JH	J	Grey	Black	1,000
	ATLFPB-21-2KE	K	Blue	Natural	1,000
	ATLFPB-21-2LM	L	Green	Natural	1,000
	ATLFPB-21-2MPK	M	Pink	Black	1,000
	ATLFPB-21-2NP	N	Purple	Natural	1,000
	ATLFPB-21-2PN	P	Brown	Natural	1,000
	ATLFPB-21-2RD	R	Orange	Black	1,000
Material and Finish					
Housing: PBT					
TPA: Glass-filled PBT					
CPA: Glass-filled PBT, Red					

Circuits	Model No.	Key Code	Housing Color	Q'ty/box
21	S21B-ATLF-2GS	G	White	700
	S21B-ATLF-2HK	H	Black	700
	S21B-ATLF-2JH	J	Grey	700
	S21B-ATLF-2KE	K	Blue	700
	S21B-ATLF-2LM	L	Green	700
	S21B-ATLF-2MPK	M	Pink	700
	S21B-ATLF-2NP	N	Purple	700
	S21B-ATLF-2PN	P	Brown	700
	S21B-ATLF-2RD	R	Orange	700
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-A03T-M064	AP-K2N	MK/SAIT-A03-064	APLMK SAIT-A03-064
SAIT-A02T-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:

[\(C\)ATLFPB-21-2GS](#) [\(C\)ATLFPB-21-2HK](#) [\(C\)ATLFPB-21-2JH](#) [\(C\)ATLFPB-21-2KE](#) [\(C\)ATLFPB-21-2LM](#) [\(C\)ATLFPB-21-2MPK](#) [\(C\)ATLFPB-21-2NP](#) [\(C\)ATLFPB-21-2PN](#) [\(C\)ATLFPB-21-2RD](#) [\(C\)S21B-ATLF-2GS](#) [\(C\)S21B-ATLF-2HK](#) [\(C\)S21B-ATLF-2JH](#) [\(C\)S21B-ATLF-2KE](#) [\(C\)S21B-ATLF-2LM](#) [\(C\)S21B-ATLF-2MPK](#) [\(C\)S21B-ATLF-2NP](#) [\(C\)S21B-ATLF-2PN](#) [\(C\)S21B-ATLF-2RD](#)