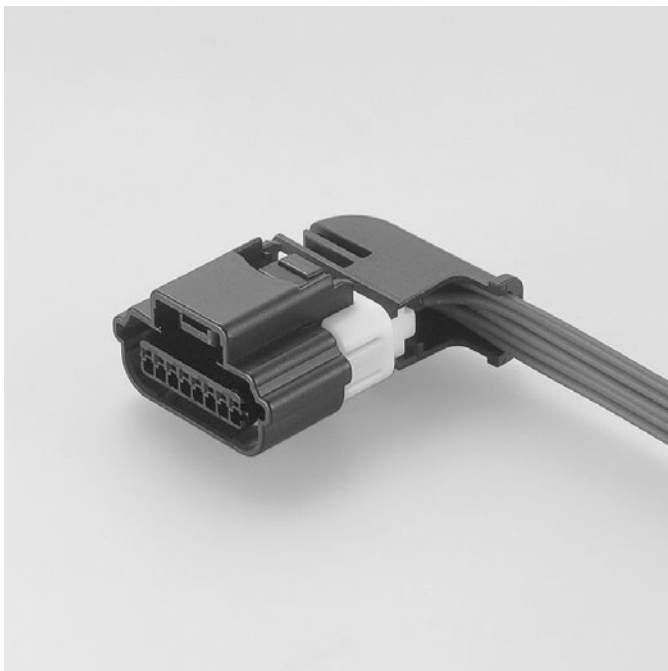


# ATSS CONNECTOR

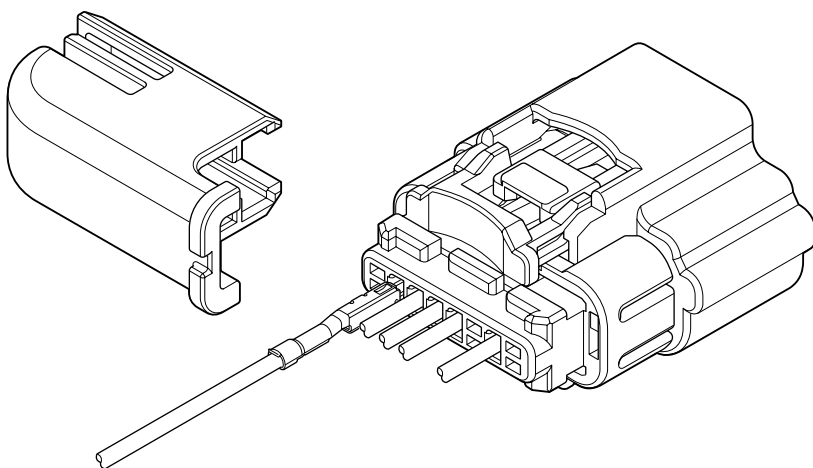
Sealed connectors/Wire-to-wire



0.64 Sealed Connector compliant with the Standard USCAR Footprints.

## Features

- 0.64 Sealed Connector
- Compliant with the Standard USCAR Footprints
- (Optional) Connector Position Assurance (CPA), Independent Security Lock Mechanism
- Optional Cable Cover available for Cable routing
- Variety of Cavity block options for unused Circuits

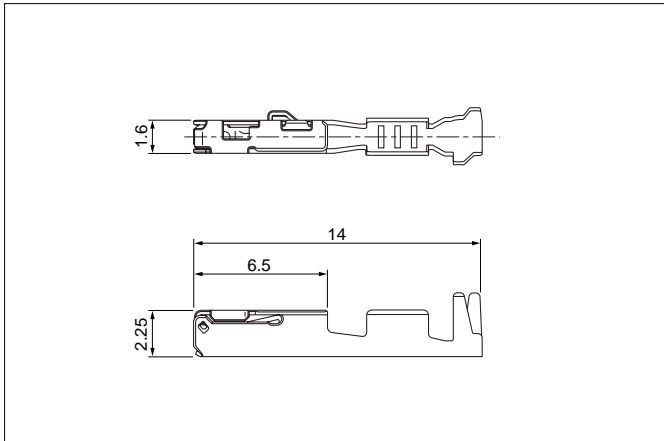


## Specifications

- 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<sup>2</sup> to 0.8mm<sup>2</sup>

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

## Female terminal

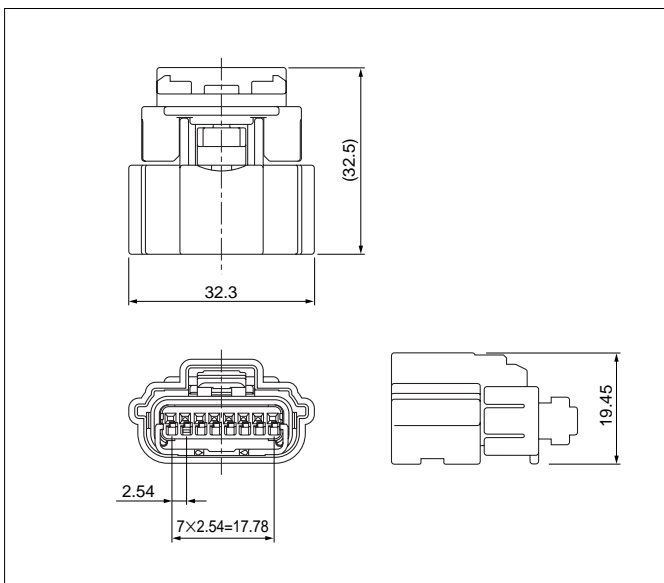


Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm <sup>2</sup> )	Insulation O.D. (mm)	
①SAIT-A03T-M064	0.3 to 0.5	≤1.9	6,500
①SAIT-A02T-M064	0.75 to 0.8	≤1.9	6,500
②SAIT-A03GF-M064	0.3 to 0.5	≤1.9	6,500
②SAIT-A02GF-M064	0.75 to 0.8	≤1.9	6,500

### Material and Finish

- ①Copper alloy, tin-plated (reflow treatment)
- ②Copper alloy, Contact area; gold-plated  
Barrel area; tin-plated

## Female connector

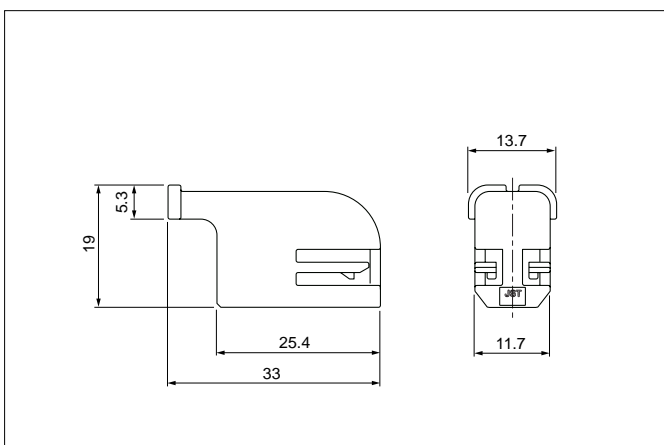


Circuits	CPA	Model No.	Q'ty/box	Back cover Color
5	NO	ATSSPB-A0805A-1AK	75	Black
		ATSSPB-A0805B-1AK	75	Natural (White)
		ATSSPB-A0805G-1AK	75	Black
		ATSSPB-A0805H-1AK	75	Black
6	NO	ATSSPB-A0806F-1AK	75	Black
7	NO	ATSSPB-A0807D-1AK	75	Black
		ATSSPB-A0807E-1AK	75	Black
8	YES	ATSSPB-C08C-1AK	75	Black

### Material

Housing: Glass-filled PBT, black  
 TPA: Glass-filled PBT, natural (white)  
 CPA: Glass-filled PBT, red  
 Back cover: Glass-filled PBT  
 Ring seal: Silicone, green  
 Matte seal: Silicone, green

## Cable cover



Circuits	Model No.	Q'ty/box
8	ATSSCC-08-K	150

### Material

Glass-filled PBT, black

## 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.