ASG CONNECTOR

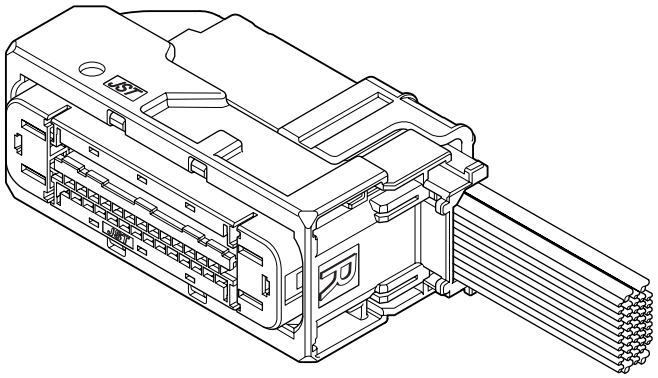
Sealed connectors/Board-to-wire



47 Circuits 0.64/6.3 Hybrid Sealed Connector compliant with the USCAR footprints and performance standard. Designed for ABS application.

Features

- **47 circuits: 0.64/6.3 Hybrid Sealed Connector**
- **Compliant with the Standard USCAR Footprints**
- **Ergonomic, dual action lever mechanism design for low Mating Force**
- **Alternative Cable routing design**
- **Flash-Over options are available for blocking unused circuits**
- **Cable protector (optional) for additional cable protection**

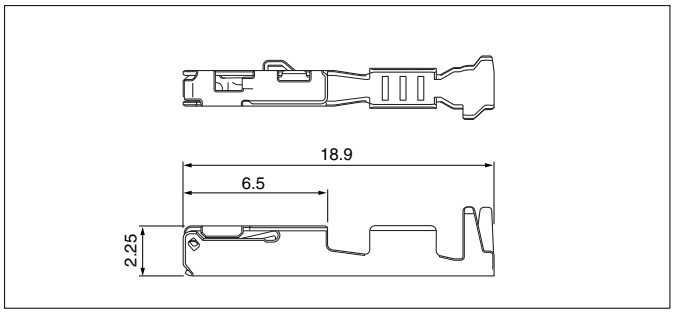


Specifications

- Current rating: 0.64 Terminal/ 5A DC max.
  6.3 Terminal/ 40A DC max.
- Voltage rating: 14V DC
- Temperature range: -40°C to +125°C
  (including temperature rise in applying electrical current)
- Contact resistance:
  0.64 Terminal; Initial value/20mΩ max.
  After environmental testing/20mΩ max.
  6.3 Terminal; Initial value/1.5mΩ max.
  After environmental testing/1.5mΩ max.
- Insulation resistance: 20MΩ min.
- Applicable wire:
  0.64 Terminal; SAE/ AVSS/ CAVS 0.3mm^2 to 0.8mm^2
  6.3 Terminal; 2.5mm^2 (AWG#12)

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

Female terminal

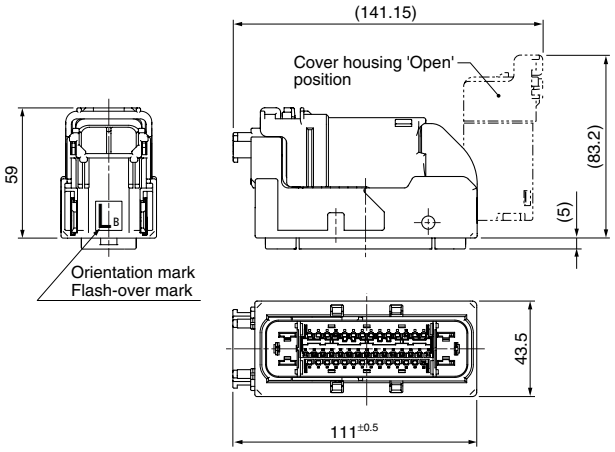


Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm^2)	Insulation O.D. (mm)	
①**SAITS-A03T-M064**	0.3 to 0.5	≤1.9	3,500
①**SAITS-A02T-M064**	0.75 to 0.8	≤1.9	3,500
②**GT630** or equivalent Terminal (Customer specified terminal.)			

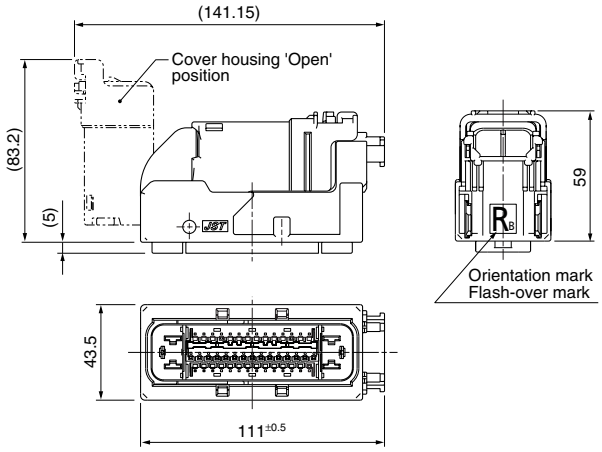
Material and Finish
①Copper alloy, tin-plated (reflow treatment) ②Copper alloy (refer to Delphi for detail)

Female connector

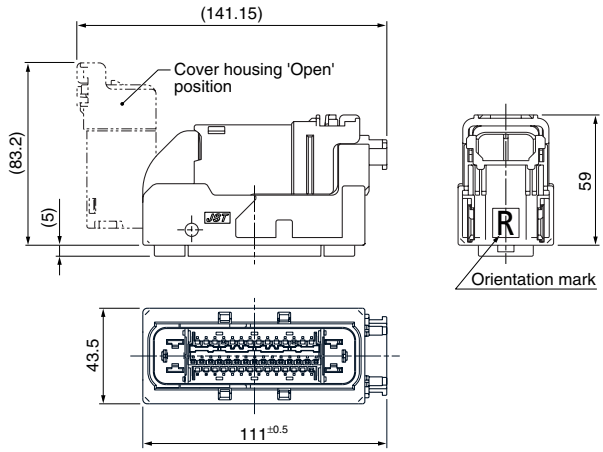
● **ASGPB-1547L2A-K/ASGPB-2547L2A-K (Flash-over option)**



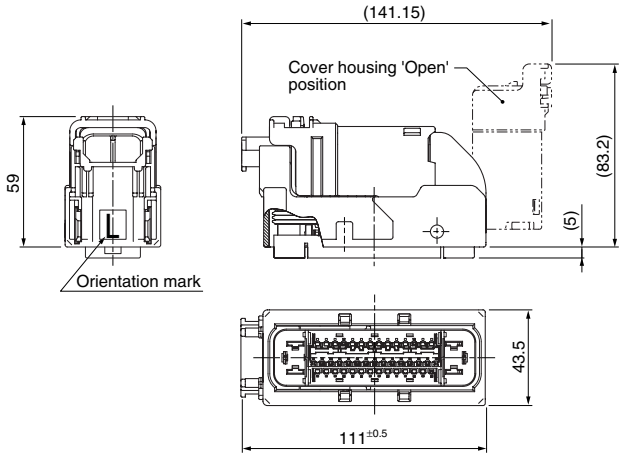
● **ASGPB-1547R2A-K (Flash-over option)**



● **ASGPB-47R1A-K**



● **ASGPB-47L1A-K**

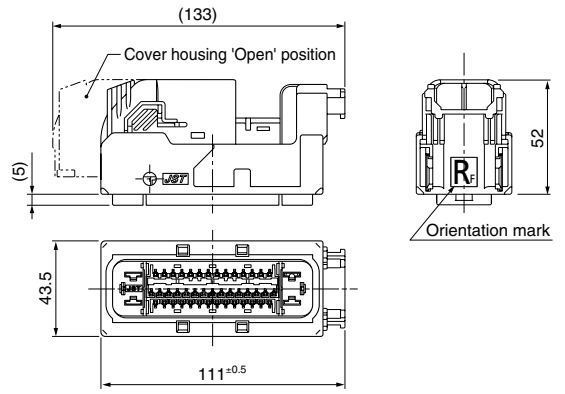


Circuits		Model No.	Q'ty/box
6.3	0.64		
3	22	**ASGPB-2547L2A-K**	70
4	11	**ASGPB-1547R2A-K**	70
		ASGPB-1547L2A-K	70
	43	**ASGPB-47R1A-K**	70
		ASGPB-47L1A-K	70

Material
Housing: Glass-filled PBT, black Lever: Glass-filled PBT, black Slide: Glass-filled PA, black Ring seal: Silicone, green TPA: Glass-filled PBT, natural (white)

Female connector

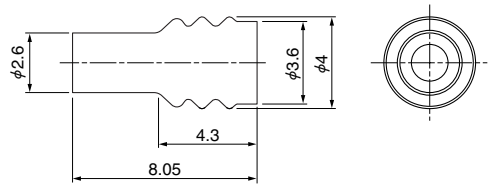
● **ASGPB-F1947R-3AK**



Circuits		Model No.	Q'ty/box
6.3	0.64		
3	16	**ASGPB-F1947R-3AK**	70

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

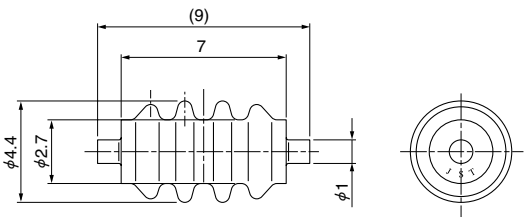
Wire seal



Model No.	Applicable wire range		Q'ty/box	Color
	Conductor (mm^2)	Insulation O.D. (mm)		
A03CS-AIT-M	0.3 to 0.5	1.6 to 1.9	50,000	Green
A04CS-AIT-N	0.75 to 0.8	1.2 to 1.6	50,000	Brown

Material
Silicone

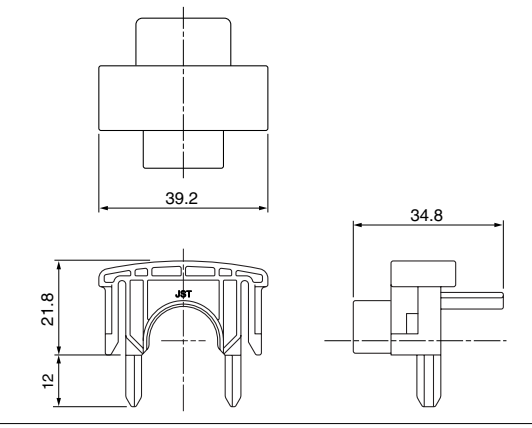
Plug



Model No.	Q'ty/box
064PLG-AIT-R	10,000

Material
Silicone, red

Cable protector



Model No.	Q'ty/box
ASGC-1547-2A-K	1,000

Material
PBT, black

Crimping machine, Applicator

Strip terminal	Crimping machine	Crimp applicator MKS-L	
		Dies	Crimp applicator with dies
SAITS-A03T-M064	AP-K2N	MK/SAITS-A03-064	APLMK SAITS-A03-064
SAITS-A02T-M064		MK/SAITS-A02-064	APLMK SAITS-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:
064PLG-AIT-R