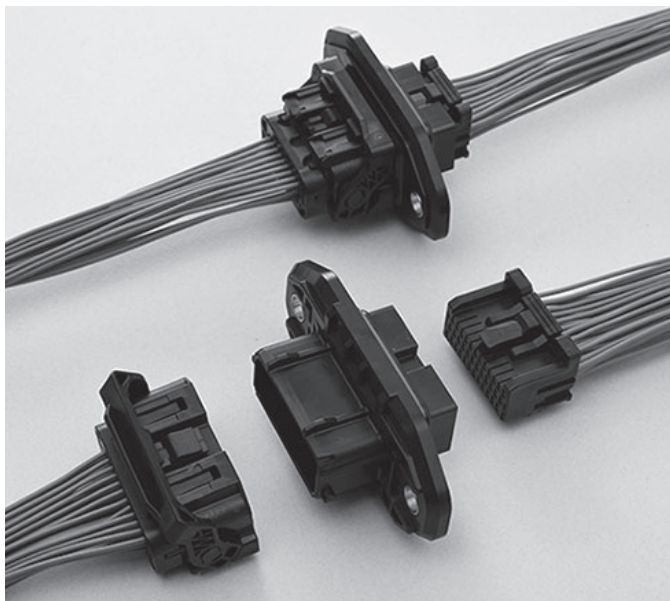


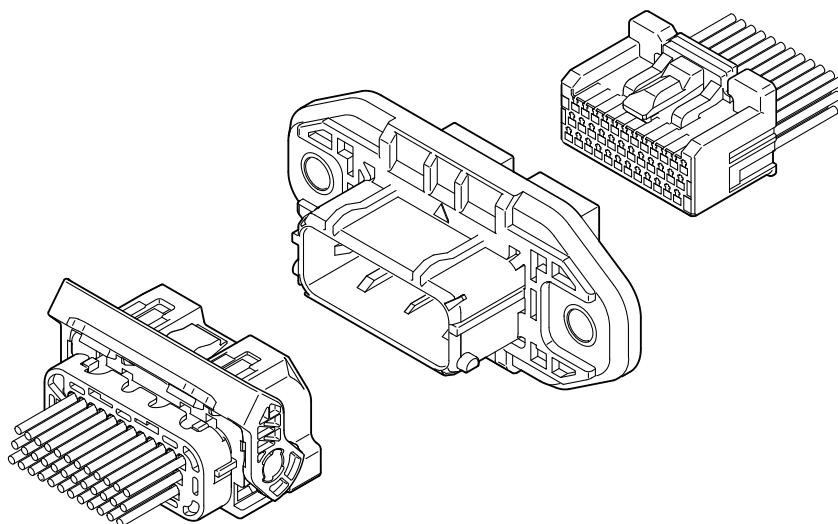
EVZ2CONNECTOR

Wire-to-wire/Panel Mount connector



This connector is wire-to-wire, waterproof panel mount connector.

Harness connects the case mounted male connector with the outside and inside connector.



■Features

- **3 pieces structure**
Harness connects the case mounted male connector with the outside and inside connector of case body.
- **Sealed**
Only attach male connector to case body, it ensures waterproof performance.
Double seal structure of surface sealing and shaft sealing realizes the strong waterproof property.
- **Variation**
Circuits: Lineup of 10, 27 and 36 circuits.

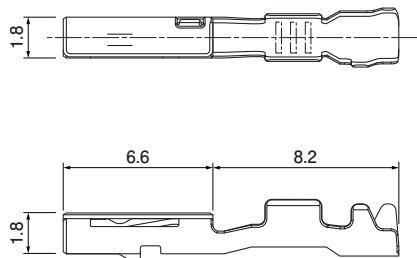
■Specifications

- **Current rating:** 5 A DC
(0.5 mm², including temperature rise in applying electrical current when individual energized)
- **Withstanding voltage:** 1,000 VAC/minute
- **Temperature range:** -40°C to +125°C
(including temperature rise in applying electrical current)
- **Contact resistance:** Initial value/ 10 mΩ max.
After environmental tests/ 20 mΩ max.
- **Insulation resistance:** 100 MΩ min.
- **Applicable wire:** [Outside waterproof connector]
AESSX/AVSS/AVSSH;
0.5 mm² to 0.85 mm²
※36 circuits can only use 0.3 mm²~
[Inside non-waterproof connector]
AESSX/AVSS/AVSSH;
0.3 mm² to 0.5 mm²

* Compliant with ELV/RoHS2.

* Contact JST for details.

Female terminal



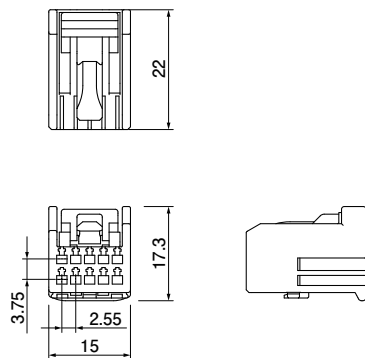
Model No.	Applicable wire range		Q'ty/reel
	Conductor (mm ²)	Insulation O.D. (mm)	
SZRO-A021T-M0.64	0.3 to 0.5	1.4 to 1.7	7,500
SZRO-A031T-M0.64	0.75 to 0.85	1.8 to 1.9	7,000

Material and Finish

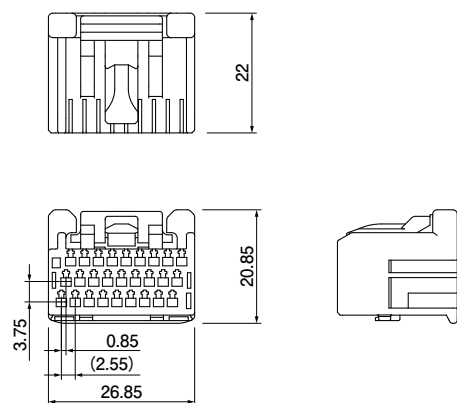
Copper alloy, tin-plated

Female connector (Non-waterproof)

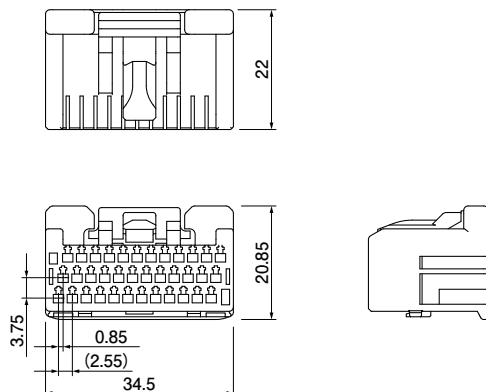
●10 circuits



●27 circuits



●36 circuits



Circuits	Model No.	Key Code	Color	Q'ty/box
10	10EVZ-B-K-2A	A	Black	2,673
	10EVZ-B-H-2B	B	Gray	
27	27EVZ-B-K-2A	A	Black	1,350
36	36EVZ-B-K-2A	A	Black	990

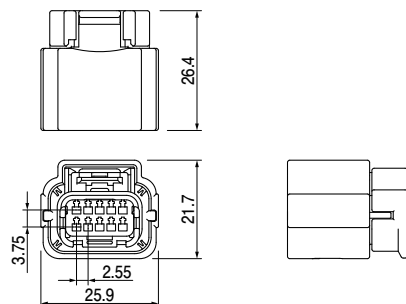
Material and Finish

Housing: PBT (GF)

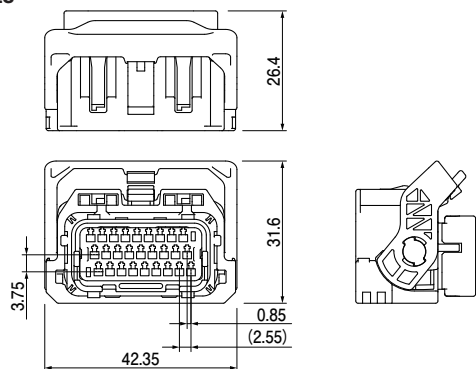
EVZ2 CONNECTOR

Female connector (Waterproof)

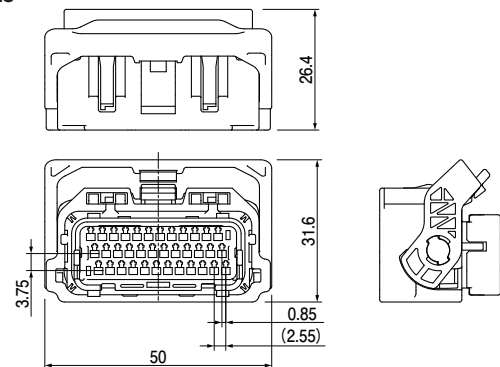
●10 circuits



●27 circuits



●36 circuits



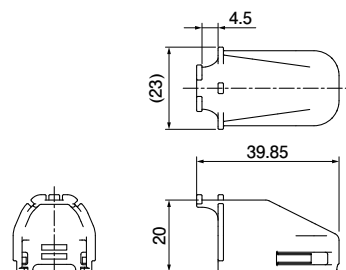
Circuits	Model No.	Key Code	Applicable wire range (mm ²)	Housing Color	Seal Color	Q'ty/box
10	10EVZ-B-K-1A	A	0.5 to 0.85	Black	Brown	1,080
	10EVZ-B-H-1B	B		Gray		
27	27ZRO-B-1A	A	0.5 to 0.85	Black	Brown	576
36	36ZRO-B-1A	A	0.5 to 0.85	Black	Brown	512
	36ZRO-B-2A		0.3 to 0.85		Red	512

Material and Finish

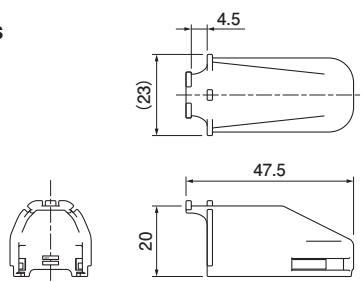
Housing: PBT (GF)
Seal: Silicone rubber
Lever: POM

Harness cover

●27circuits



●36 circuits

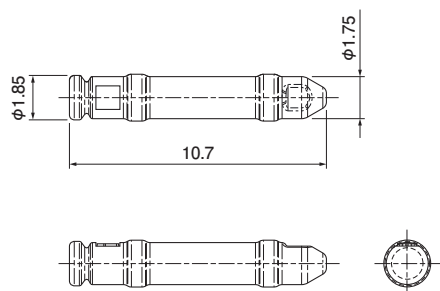


Circuits	Model No.	Color	Q'ty/box
10	No Option		
27	ZROHC-27H-K-1	Black	1,200
36	ZROHC-36H-K-1	Black	900

Material and Finish

PBT

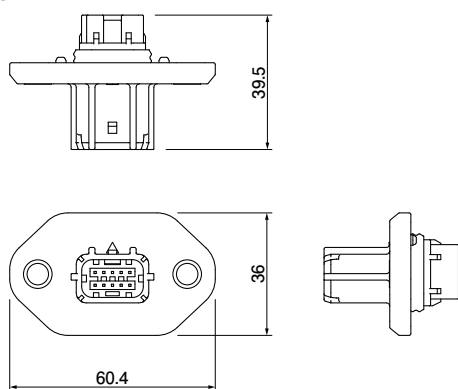
Dummy plug



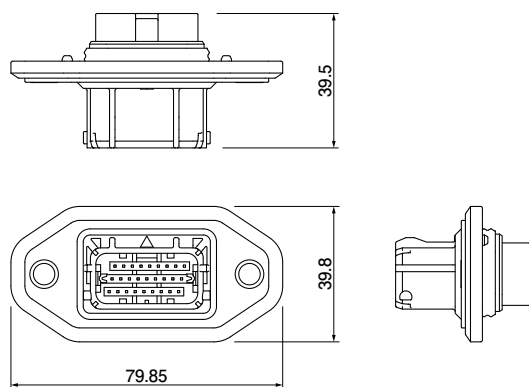
Model No.	Q'ty/box
WPHDP-H-1A-H	7,000
Material and Finish	
PBT, Gray	

Male connector

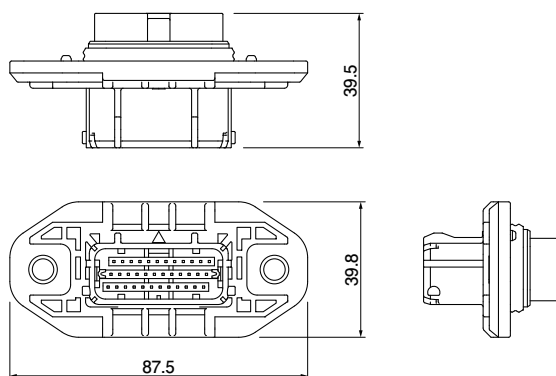
●10 circuits



●27 circuits



●36 circuits



Circuits	Model No.	Key Code	Color	Q'ty/box
10	BU10B-EVZ2K-2A1-N	A	Black	100
	BU10B-EVZ2H-2B1-N	B	Gray	100
27	BU27B-EVZ2K-2A1-N	A	Black	75
36	BU36B-EVZ2K-2A1-N	A	Black	120
Material and Finish				
Housing: PBT (GF) Seal: Silicone rubber Bush: Copper alloy, Nickel-plated Male terminal: Copper alloy, Tin-plated				

Crimping machine, Applicator

Strip terminal	Crimping machine	Crimp applicator MKS-L	
		Dies	Crimp applicator with dies
SZRO-A021T-M0.64	AP-K2N	MK/SWPH-A021-064	APLMK SWPH-A021-064
SZRO-A031T-M0.64		MK/SZRO-A031-064	APLMK SZRO-A031-064

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