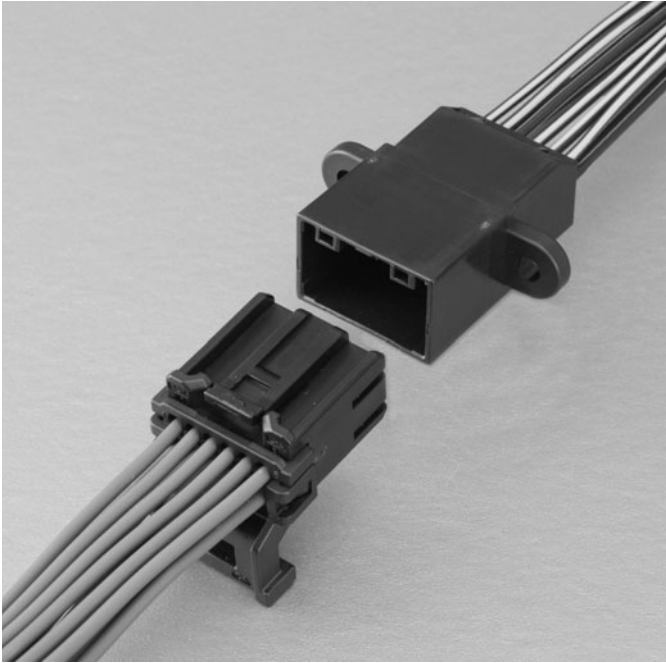


# ARV CONNECTOR

## Wire-to-wire



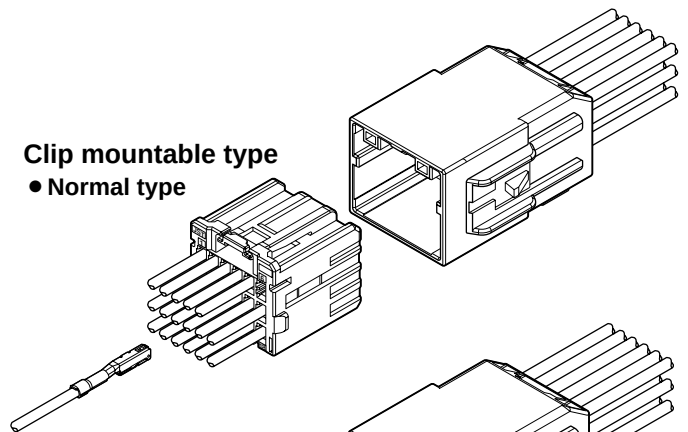
0.64 Unsealed wire-to-wire connection system for unsealed applications, requiring Automotive durability.

### Features

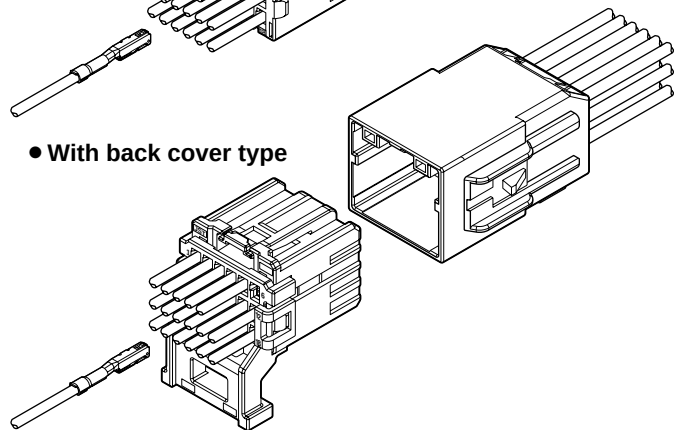
- 12 Circuits, 18 Circuits and 22 Circuits Wire-to-Wire Connection
- Optional Wire Routing Attachment (to optimize packaging space)
- Versatile Mounting Options
- Latch Overstress Feature
- Both Female and Male Connectors utilize Independent Secondary Lock for Terminal retention

### Clip mountable type

- Normal type

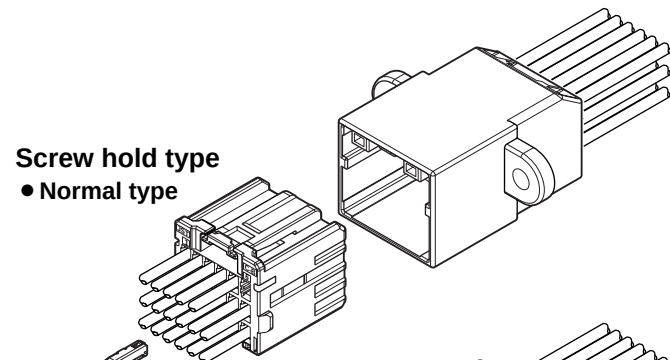


- With back cover type

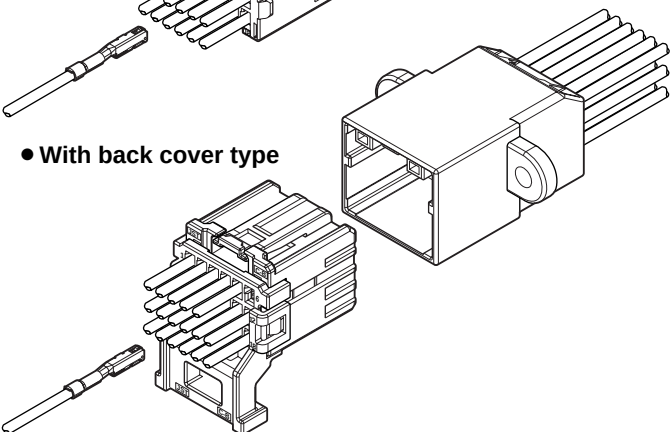


### Screw hold type

- Normal type



- With back cover type

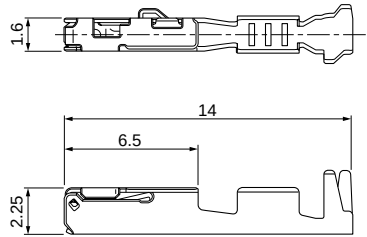


### Specifications

- 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: TXL/ ISO 0.35mm<sup>2</sup> to 0.75mm<sup>2</sup>  
O.D. ≤ 1.9mm (AWG#22 to #20)  
(Female Terminal)  
ISO 0.35mm<sup>2</sup> to 0.5mm<sup>2</sup>  
O.D. ≤ 1.7mm (AWG#22 to #20)  
(Male Terminal)

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

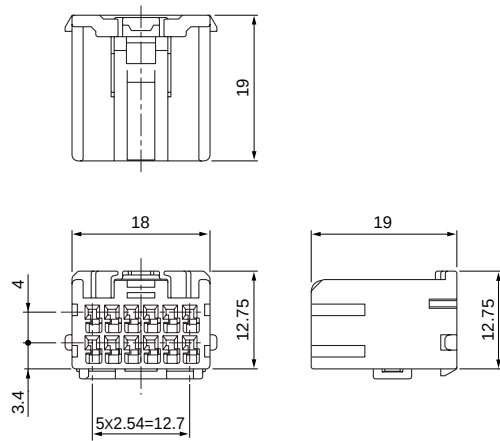
## Female terminal



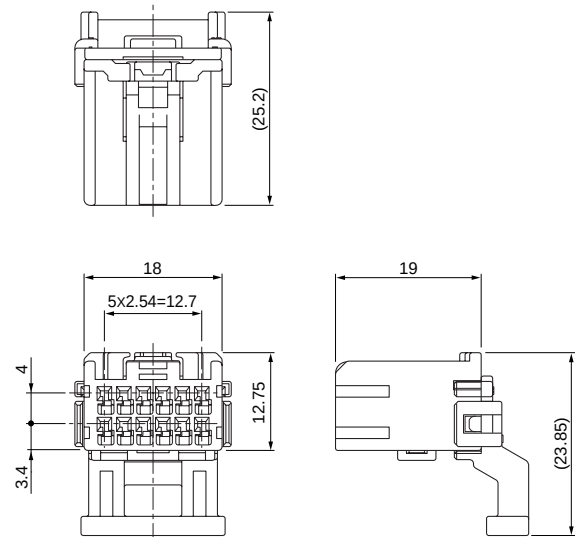
| Model No.                                   | Applicable wire range        |                      | Q'ty/reel |
|---------------------------------------------|------------------------------|----------------------|-----------|
|                                             | Conductor (mm <sup>2</sup> ) | Insulation O.D. (mm) |           |
| SAIT-A03T-M064                              | 0.35 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) |                              |                      |           |

## Female connector

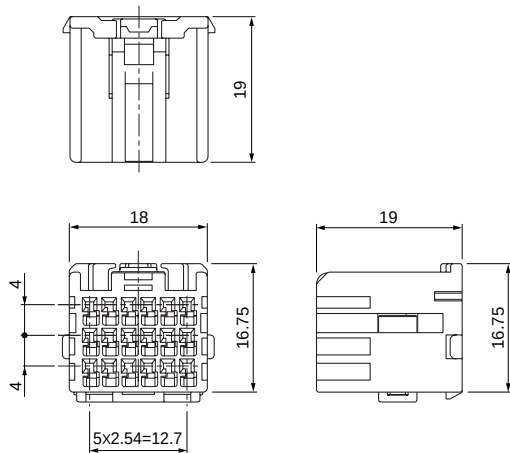
### • 12 circuits



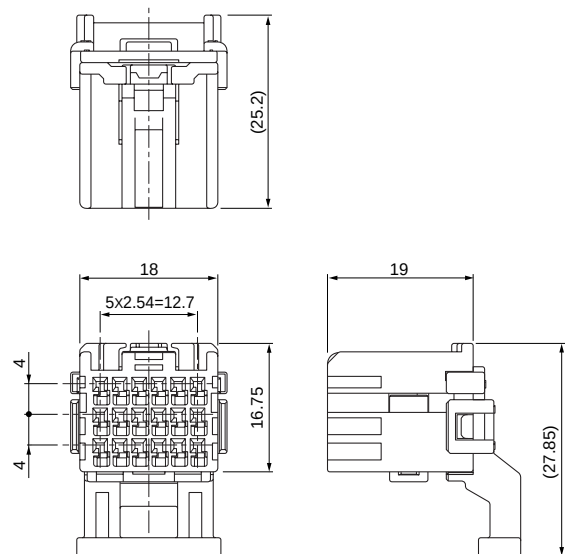
### • 12 circuits (With back cover)



### • 18 circuits



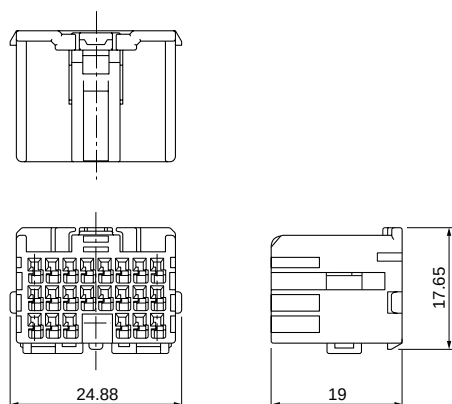
### • 18 circuits (With back cover)



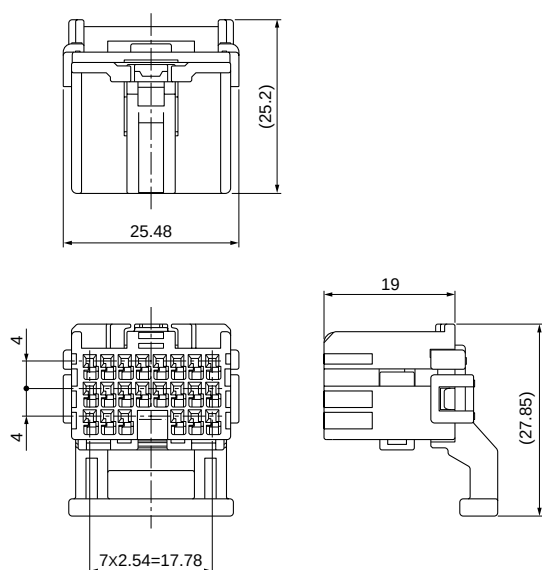
# ARV CONNECTOR

## Female connector

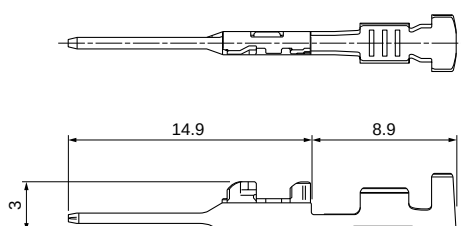
### ● 22 circuits



### ● 22 circuits (With back cover)



## Male terminal



| Circuits | Model No.       | Back Cover | Q'ty/box |
|----------|-----------------|------------|----------|
| 12       | ARVPB-12-2AK    | No         | 1,500    |
|          | ARVPB-12C12-2AK | Yes        | 1,500    |
| 18       | ARVPB-18-3AK    | No         | 1,000    |
|          | ARVPB-18C18-3AK | Yes        | 1,000    |
| 22       | ARVPB-22-3AK    | No         | Note)    |
|          | ARVPB-22C22-3AK | Yes        | Note)    |

### Material

Housing: PBT, black  
 TPA: Glass-filled PBT, natural (white)  
 Back cover: Glass-filled PBT, black

Note: Contact JST for details.

| Model No.         | Applicable wire range        |                      | Q'ty/reel |
|-------------------|------------------------------|----------------------|-----------|
|                   | Conductor (mm <sup>2</sup> ) | Insulation O.D. (mm) |           |
| SNAC3W-A021T-0.64 | 0.35 to 0.5                  | ≤1.7                 | 7,000     |

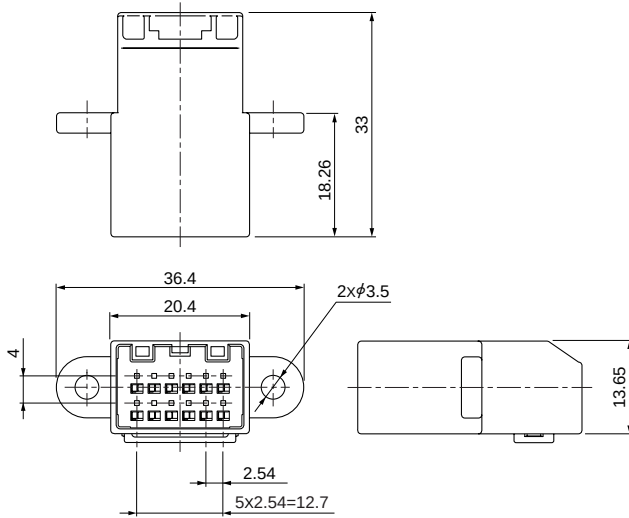
### Material and Finish

Brass, tin-plated (reflow treatment)

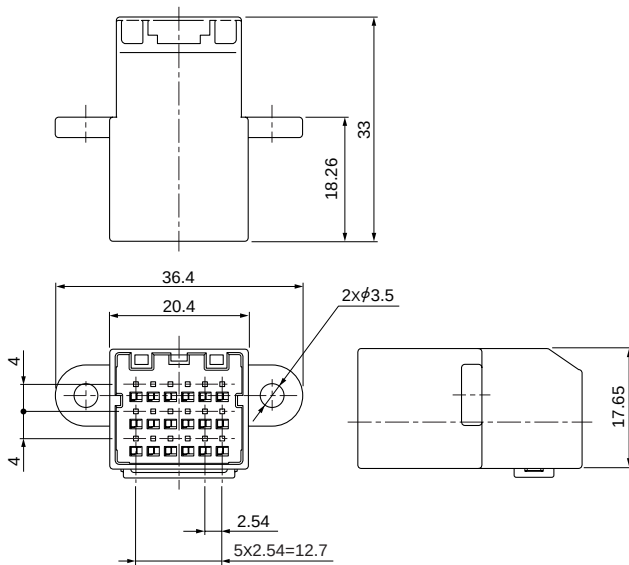
## Male connector

### Screw hole type

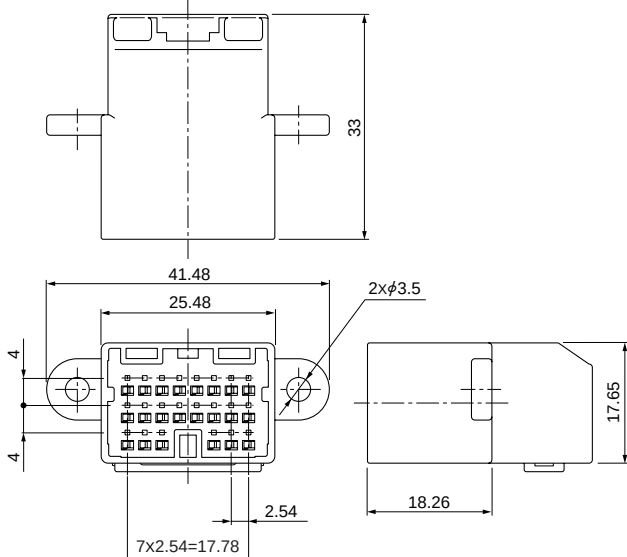
#### ● 12 circuits (ARVWSB-12-2AK)



#### ● 18 circuits (ARVWSB-18-3AK)

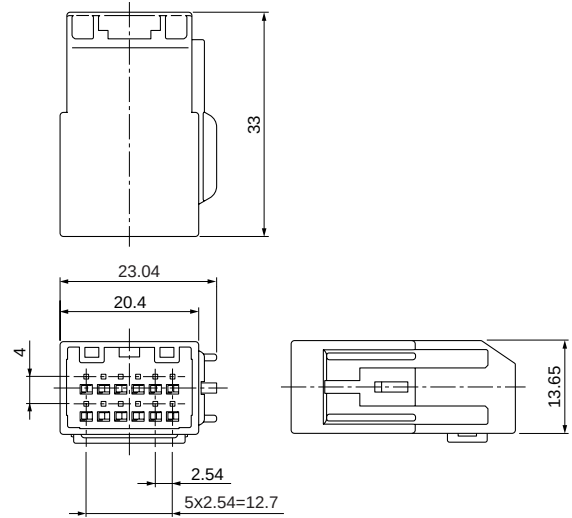


#### ● 22 circuits (ARVWSB-22-3AK)

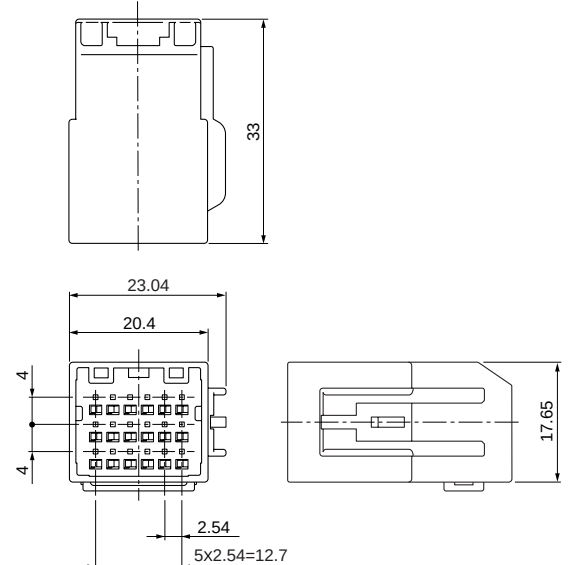


### Clip mountable type

#### ● 12 circuits (ARVWSB-12C-2AK)



#### ● 18 circuits (ARVWSB-18C-3AK)



| Circuits | Model No.      | Clip mountable | Q'ty/box |
|----------|----------------|----------------|----------|
| 12       | ARVWSB-12-2AK  | No             | 1,000    |
|          | ARVWSB-12C-2AK | Yes            | 1,000    |
| 18       | ARVWSB-18-3AK  | No             | 750      |
|          | ARVWSB-18C-3AK | Yes            | 750      |
| 22       | ARVWSB-22-3AK  | No             | Note)    |

#### Material

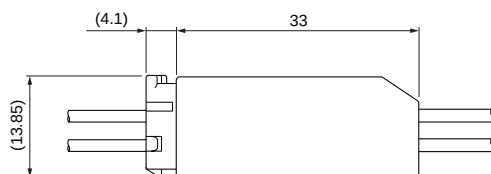
Housing: Glass-filled PBT, black  
PBT, black (22 only)

TPA: Glass-filled PBT, natural (white)

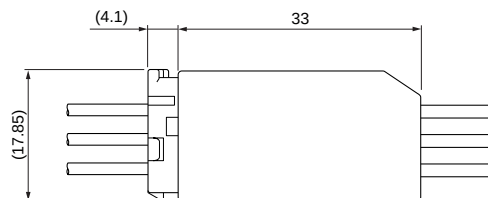
Note: Contact JST for details.

## Assembly layout

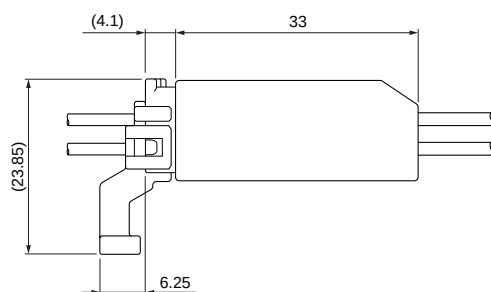
### • 12 circuits



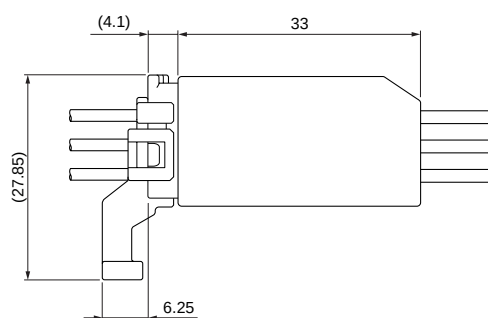
### • 18, 22 circuits



### • 12 circuits (With back cover)



### • 18, 22 circuits (With back cover)



## 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         |
| SNAC3W-A021( )-0.64 |                  | MK/SNAC3W-A021-064     | APLMK SNAC3W-A021-064      |

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:

[SNAC3W-A021T-0.64](#) [ARVPB-12-2AK](#) [ARVWSB-12C-2AK](#) [ARVWSB-18C-3AK](#) [ARVPB-18C18-3AK](#) [ARVPB-18-3AK](#) [ARVPB-12C12-2AK](#) [ARVWSB-12-2AK](#) [ARVWSB-18-3AK](#) [ARVWSB-22-3AK](#) [ARVPB-22C22-3AK](#) [ARVPB-22-3AK](#)



Компания «ЭлектроПласт» предлагает заключение долгосрочных отношений при поставках импортных электронных компонентов на взаимовыгодных условиях!

Наши преимущества:

- Оперативные поставки широкого спектра электронных компонентов отечественного и импортного производства напрямую от производителей и с крупнейших мировых складов;
- Поставка более 17-ти миллионов наименований электронных компонентов;
- Поставка сложных, дефицитных, либо снятых с производства позиций;
- Оперативные сроки поставки под заказ (от 5 рабочих дней);
- Экспресс доставка в любую точку России;
- Техническая поддержка проекта, помощь в подборе аналогов, поставка прототипов;
- Система менеджмента качества сертифицирована по Международному стандарту ISO 9001;
- Лицензия ФСБ на осуществление работ с использованием сведений, составляющих государственную тайну;
- Поставка специализированных компонентов (Xilinx, Altera, Analog Devices, Intersil, Interpoint, Microsemi, Aeroflex, Peregrine, Syfer, Eurofarad, Texas Instrument, Miteq, Cobham, E2V, MA-COM, Hittite, Mini-Circuits, General Dynamics и др.);

Помимо этого, одним из направлений компании «ЭлектроПласт» является направление «Источники питания». Мы предлагаем Вам помощь Конструкторского отдела:

- Подбор оптимального решения, техническое обоснование при выборе компонента;
- Подбор аналогов;
- Консультации по применению компонента;
- Поставка образцов и прототипов;
- Техническая поддержка проекта;
- Защита от снятия компонента с производства.



#### Как с нами связаться

**Телефон:** 8 (812) 309 58 32 (многоканальный)

**Факс:** 8 (812) 320-02-42

**Электронная почта:** [org@eplast1.ru](mailto:org@eplast1.ru)

**Адрес:** 198099, г. Санкт-Петербург, ул. Калинина, дом 2, корпус 4, литера А.