

TYPICAL INDICATOR ORDERING EXAMPLE

YB

04

K

W01

—

12

—

FB

Shapes

Bushing Mounting

|    |             |
|----|-------------|
| 01 | Square      |
| 02 | Round       |
| 03 | Rectangular |

Snap-in Mounting

|    |             |
|----|-------------|
| 04 | Square      |
| 05 | Round       |
| 06 | Rectangular |

Panel Seal

|         |                                      |
|---------|--------------------------------------|
| No Code | Without Panel Seal                   |
| W       | With Panel Seal (Bushing Mount only) |

Housing

|   |            |
|---|------------|
| K | Black only |
|---|------------|

Terminals

|     |                                                |
|-----|------------------------------------------------|
| W01 | Silver Solder Lug/.110" (2.8mm) Quick Connect* |
|-----|------------------------------------------------|

Lamps

Incandescent Lamp

|    |         |
|----|---------|
| 05 | 5-volt  |
| 12 | 12-volt |

Bright LED

| LED Colors |       | Resistor |             |
|------------|-------|----------|-------------|
| 5C         | Red   | No Code  | No Resistor |
| 5D         | Amber | 05       | 5-volt      |
|            |       | 12       | 12-volt     |
| 5F         | Green | 24       | 24-volt     |

Super Bright LED

|    |       |
|----|-------|
| 6B | White |
| 6F | Green |
| 6G | Blue  |

Bicolor LED

| LED Colors |           | Forward Voltage |                      |
|------------|-----------|-----------------|----------------------|
|            |           | 02              | 2-volt (no resistor) |
| 2CF        | Red/Green | 05              | 5-volt               |
|            |           | 12              | 12-volt              |
|            |           | 24              | 24-volt              |

Cap Types & Colors

Solid Cap: Lens/Insert Colors

|    |              |
|----|--------------|
| BB | White/White  |
| CB | Red/White    |
| EB | Yellow/White |
| FB | Green/White  |
| GB | Blue/White   |

LED Cap: Lens/Insert Colors

|    |             |
|----|-------------|
| JB | Clear/White |
| JC | Clear/Red   |
| JD | Clear/Amber |
| JF | Clear/Green |

LED Cap: Lens/Insert Colors

|    |             |
|----|-------------|
| JB | Clear/White |
|----|-------------|

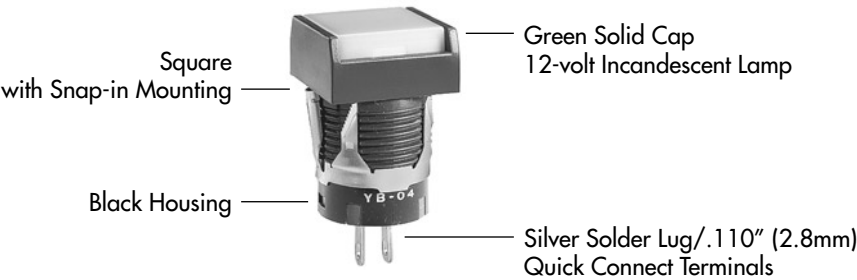
LED Cap: Lens/Insert Colors

|    |             |
|----|-------------|
| JB | Clear/White |
|----|-------------|

\* Wire harness & cable assemblies offered only in Americas

DESCRIPTION FOR TYPICAL ORDERING EXAMPLE

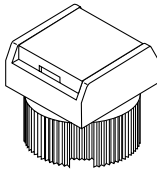
YB04KW01-12-FB



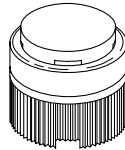
### SHAPES & MOUNTING TYPES

#### Bushing Mounting

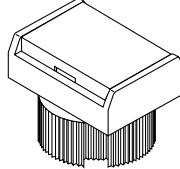
**01** Square



**02** Round

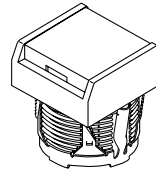


**03** Rectangular

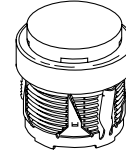


#### Snap-in Mounting

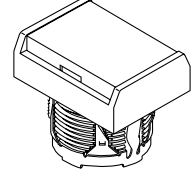
**04** Square



**05** Round



**06** Rectangular



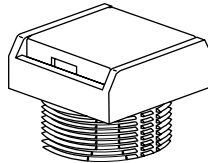
Bezel-barrier is an integral part of the indicator body.

### PANEL SEAL

**No Code**

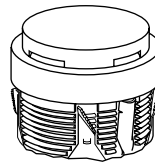
Without Panel Seal

Bushing Mounting



Supplied with mounting nut.

Snap-in Mounting

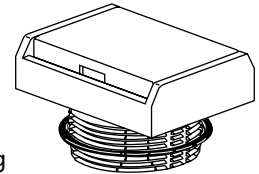


**W**

With Panel Seal

Bushing Mounting only

Supplied with mounting nut and o-ring AT089.



### INCANDESCENT LAMP & SOLID CAP

The electrical specifications shown are determined at a basic temperature of 25°C.  
If the source voltage exceeds the rated voltage, a ballast resistor is required.  
The resistor value can be calculated by using the formula in the Supplement section.

|                                                                                                                                       |                           |               |               |        |
|---------------------------------------------------------------------------------------------------------------------------------------|---------------------------|---------------|---------------|--------|
| <div>AT611</div> <div></div> <div>T-1 Bi-pin</div> |                           | <div>05</div> | <div>12</div> |        |
|                                                                                                                                       | Voltage                   | V             | 5V AC         | 12V AC |
|                                                                                                                                       | Current                   | I             | 115mA         | 60mA   |
|                                                                                                                                       | MSCP                      |               | .150          | .150   |
|                                                                                                                                       | Endurance                 | Hours         | 7,000 average |        |
|                                                                                                                                       | Ambient Temperature Range |               | -25°C ~ +50°C |        |

#### Solid Cap for Incandescent Lamp

Lens/Insert  
Colors Available:

**BB** White/White

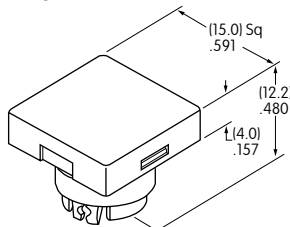
**CB** Red/White

**EB** Yellow/White

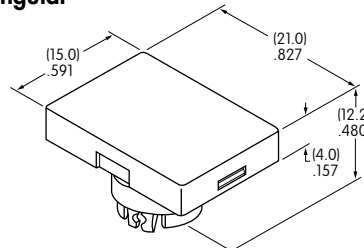
**FB** Green/White

**GB** Blue/White

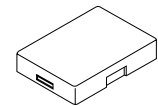
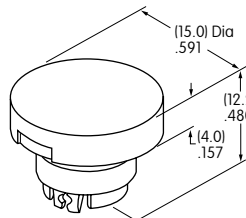
**AT3001**  
Square



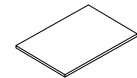
**AT3003**  
Rectangular



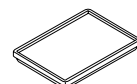
**AT3002**  
Round



Translucent Colored Lens



Translucent White Insert



Translucent White Seal/Filter



Incandescent Lamp AT611

Materials: Polycarbonate (Lens & Insert)  
Thermoplastic Elastomer (Seal/Filter)  
Finish: Glossy

BRIGHT LEDS & LED CAPS

The electrical specifications shown are determined at a basic temperature of 25°C.  
If the source voltage exceeds the rated voltage, a ballast resistor is required.  
The resistor value can be calculated by using the formula in the Supplement section.

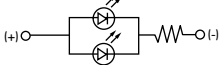
Electrical Specifications for Bright LED without Resistor

|                                                                                                                                                                                                                                             |                                                                                                                            |              |           |     |     |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------|--------------|-----------|-----|-----|-------|
| <div>Bright<br/>AT628</div> <div></div> <div></div> <div>T-1 Bi-pin</div> | Colors Available: <div>5C Red</div> <div>5D Amber</div> <div>5F Green</div> <div>No Code No Resistor</div> <div>Unit</div> |              |           |     |     |       |
|                                                                                                                                                                                                                                             | Forward Peak Current                                                                                                       | $I_{FM}$     | 40        | 40  | 40  | mA    |
|                                                                                                                                                                                                                                             | Continuous Forward Current                                                                                                 | $I_F$        | 26        | 26  | 26  | mA    |
|                                                                                                                                                                                                                                             | Forward Voltage                                                                                                            | $V_F$        | 1.9       | 2.0 | 2.0 | V     |
|                                                                                                                                                                                                                                             | Reverse Peak Voltage                                                                                                       | $V_{RM}$     | 4         | 4   | 4   | V     |
|                                                                                                                                                                                                                                             | Current Reduction Rate Above 25°C                                                                                          | $\Delta I_F$ | 0.50      |     |     | mA/°C |
|                                                                                                                                                                                                                                             | Ambient Temperature Range                                                                                                  |              | -25 ~ +50 |     |     | °C    |

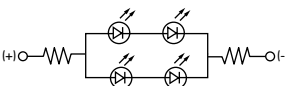
Electrical Specifications for Bright LED with Resistor

|                                                                                                                                                  |                                                                                                                                              |           |    |    |       |
|--------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------|-----------|----|----|-------|
| <div>Bright<br/>AT634</div> <div></div> <div>T-1¼ Bi-pin</div> | <b>Colors Available:</b> <div>5C Red</div> <div>5D Amber</div> <div>5F Green</div> <div>05</div> <div>12</div> <div>24</div> <div>Unit</div> |           |    |    |       |
|                                                                                                                                                  | Forward Peak Current <div><math>I_{FM}</math></div>                                                                                          | —         | —  | —  | mA    |
|                                                                                                                                                  | Continuous Forward Current <div><math>I_F</math></div>                                                                                       | 25        | 20 | 10 | mA    |
|                                                                                                                                                  | Forward Voltage <div><math>V_F</math></div>                                                                                                  | 5         | 12 | 24 | V     |
|                                                                                                                                                  | Reverse Peak Voltage <div><math>V_{RM}</math></div>                                                                                          | 4         | 8  | 16 | V     |
|                                                                                                                                                  | Current Reduction Rate Above 25°C <div><math>\Delta I_F</math></div>                                                                         | —         | —  | —  | mA/°C |
|                                                                                                                                                  | Ambient Temperature Range                                                                                                                    | -25 ~ +50 |    |    | °C    |

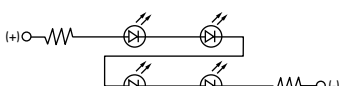
AT634  
5-volt,  
2-element  
with Resistor



AT634  
12-volt,  
4-element  
with Resistor



AT634  
24-volt,  
4-element  
with Resistor

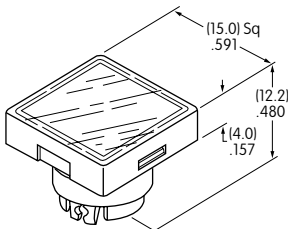


Cap for Bright LED

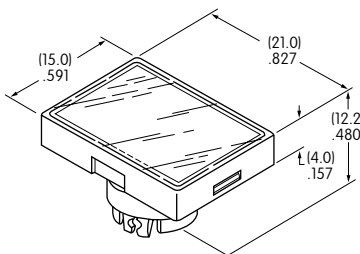
Lens/Insert  
Colors Available:

- JB** Clear/White
- JC** Clear/Red
- JD** Clear/Amber
- JF** Clear/Green

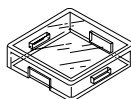
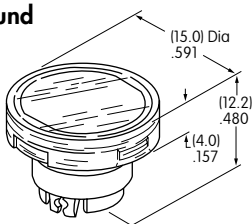
**AT3004**  
Square



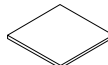
**AT3006**  
Rectangular



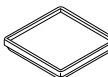
**AT3005**  
Round



Transparent Clear Lens



Translucent Colored Insert



Translucent White Seal/Diffuser

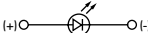


Bright LEDs  
AT628 AT634

Materials: Polycarbonate (Lens & Insert)  
Thermoplastic Elastomer (Seal/Diffuser)  
Finish: Glossy

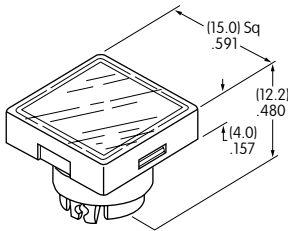
SUPER BRIGHT LEDS & LED CAPS

The electrical specifications shown are determined at a basic temperature of 25°C.  
If the source voltage exceeds the rated voltage, a ballast resistor is required.  
The resistor value can be calculated by using the formula in the Supplement section.

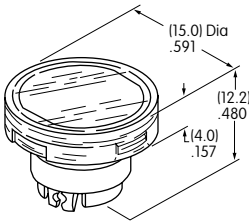
|                                                                                                                                                                                              |                                                                                                                                                                                                                                                                          |                                          |                                          |                                         |      |       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------|-----------------------------------------|------|-------|
| <div>Super Bright<br/>AT625G Blue<br/>AT631B White<br/>AT632F Green</div> <div></div> <div>T-1 Bi-pin</div> | <div><div>ATTENTION<br/>ELECTROSTATIC<br/>SENSITIVE DEVICES</div></div> <div></div> <div>Colors:</div> | <div><div>6B</div><div>White</div></div> | <div><div>6F</div><div>Green</div></div> | <div><div>6G</div><div>Blue</div></div> | Unit |       |
|                                                                                                                                                                                              | Forward Peak Current                                                                                                                                                                                                                                                     | $I_{FM}$                                 | 30                                       | 30                                      | 30   | mA    |
|                                                                                                                                                                                              | Continuous Forward Current                                                                                                                                                                                                                                               | $I_F$                                    | 20                                       | 20                                      | 20   | mA    |
|                                                                                                                                                                                              | Forward Voltage                                                                                                                                                                                                                                                          | $V_F$                                    | 3.6                                      | 3.5                                     | 3.6  | V     |
|                                                                                                                                                                                              | Reverse Peak Voltage                                                                                                                                                                                                                                                     | $V_{RM}$                                 | 5                                        | 5                                       | 5    | V     |
|                                                                                                                                                                                              | Current Reduction Rate Above 25°C                                                                                                                                                                                                                                        | $\Delta I_F$                             | 0.50                                     |                                         |      | mA/°C |
|                                                                                                                                                                                              | Ambient Temperature Range                                                                                                                                                                                                                                                |                                          | -25 ~ +50                                |                                         |      | °C    |

Cap for Super Bright LED

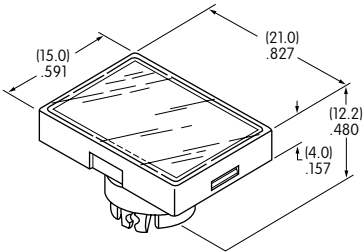
AT3014  
Square



AT3015  
Round



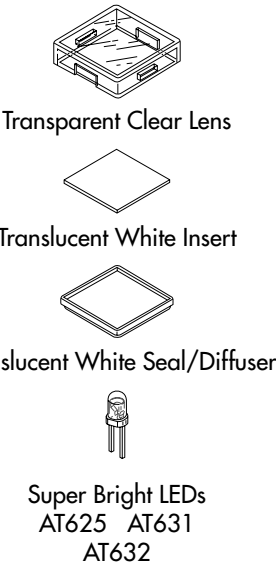
AT3016  
Rectangular



Lens/Insert  
Colors Available:

JB

 Clear/White

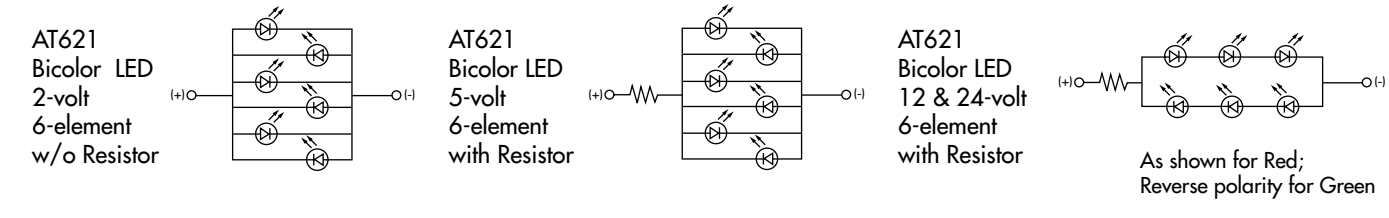


Materials: Polycarbonate (Lens & Insert)  
Thermoplastic Elastomer (Seal/Diffuser)

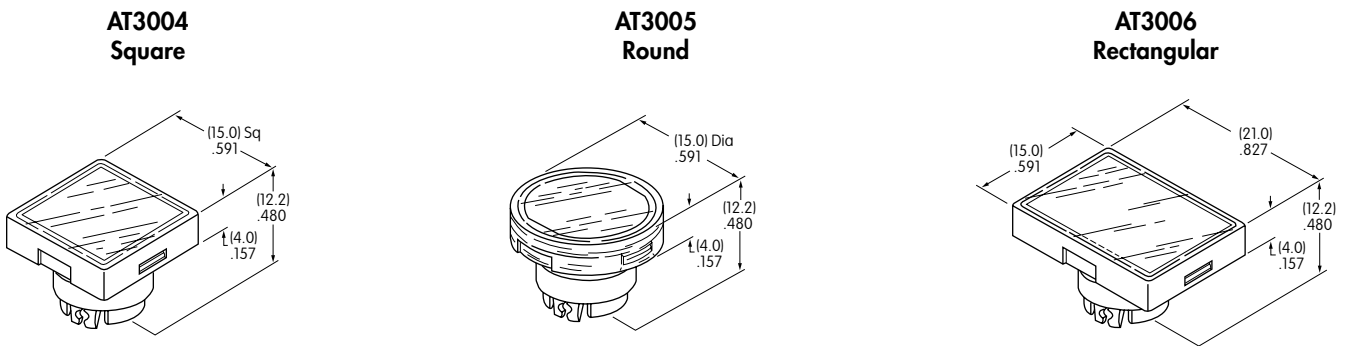
BICOLOR LED & LED CAPS

The electrical specifications shown are determined at a basic temperature of 25°C.  
If the source voltage exceeds the rated voltage, a ballast resistor is required.  
The resistor value can be calculated by using the formula in the Supplement section.

|                                                                                                                                                         |                                                |                 |      |      |      |      |       |
|---------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------|-----------------|------|------|------|------|-------|
| <b>Bicolor AT621</b><br><div>2CF</div> Red/Green<br><br>T-1 1/2 Bi-pin | Bicolor LED is translucent white in OFF state. |                 | 02   | 05   | 12   | 24   | Unit  |
|                                                                                                                                                         | Forward Peak Current                           | I <sub>FM</sub> | 60   | 60   | 20   | 12   | mA    |
|                                                                                                                                                         | Continuous Forward Current                     | I <sub>F</sub>  | 45   | 45   | 15   | 10   | mA    |
|                                                                                                                                                         | Forward Voltage                                | V <sub>F</sub>  | 2.1  | 5    | 12   | 24   | V     |
|                                                                                                                                                         | Current Reduction Rate Above 25°C              | ΔI <sub>F</sub> | 0.80 | ---- | ---- | ---- | mA/°C |
|                                                                                                                                                         | Ambient Temperature Range                      | -25 ~ +50       |      |      |      |      | °C    |

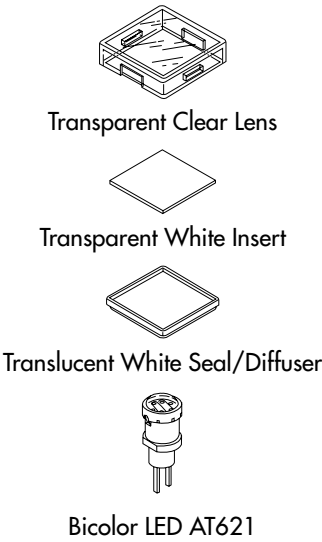


LED Caps



Lens/Insert  
Colors Available:

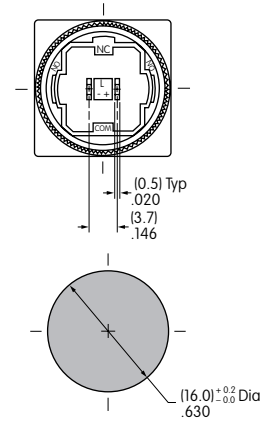
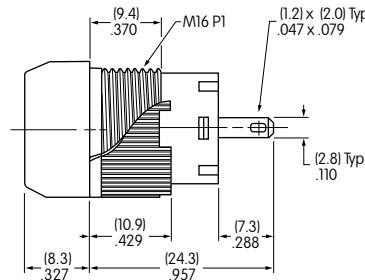
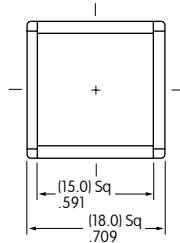
JB Clear/White



Materials: Polycarbonate (Lens & Insert)  
Thermoplastic Elastomer (Seal/Diffuser)

### TYPICAL INDICATOR DIMENSIONS

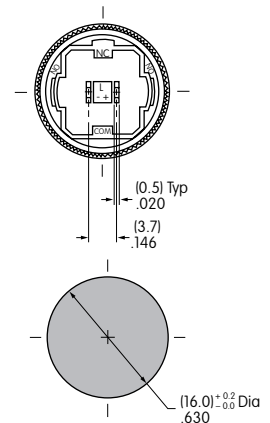
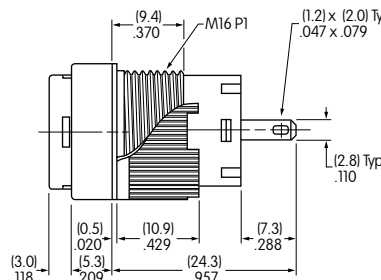
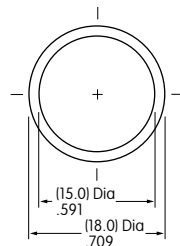
#### Square • Bushing Mounting



**YB01KW01-12-CB**

Panel Thickness  
.020" ~ .197" (0.5mm ~ 5.0mm)

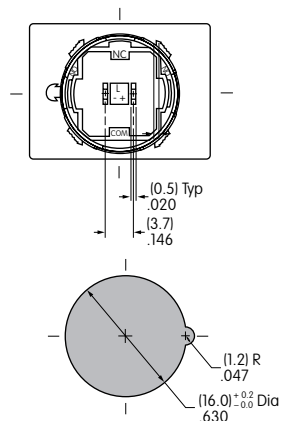
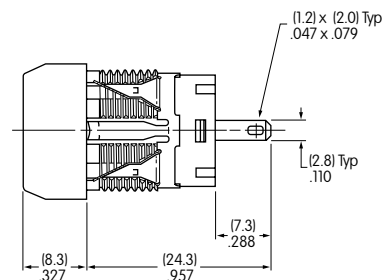
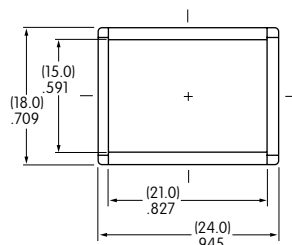
#### Round • Panel Seal



**YB02WKW01-12-CB**

Panel Thickness  
.020" ~ .197" (0.5mm ~ 5.0mm)

#### Rectangular • Snap-in Mounting



**YB06KW01-12-CB**

Panel Thickness  
.039" ~ .138" (1.0mm ~ 3.5mm)



**Стандарт  
Электрон  
Связь**

Мы молодая и активно развивающаяся компания в области поставок электронных компонентов. Мы поставляем электронные компоненты отечественного и импортного производства напрямую от производителей и с крупнейших складов мира.

Благодаря сотрудничеству с мировыми поставщиками мы осуществляем комплексные и плановые поставки широчайшего спектра электронных компонентов.

Собственная эффективная логистика и склад в обеспечивает надежную поставку продукции в точно указанные сроки по всей России.

Мы осуществляем техническую поддержку нашим клиентам и предпродажную проверку качества продукции. На все поставляемые продукты мы предоставляем гарантию .

Осуществляем поставки продукции под контролем ВП МО РФ на предприятия военно-промышленного комплекса России , а также работаем в рамках 275 ФЗ с открытием отдельных счетов в уполномоченном банке. Система менеджмента качества компании соответствует требованиям ГОСТ ISO 9001.

Минимальные сроки поставки, гибкие цены, неограниченный ассортимент и индивидуальный подход к клиентам являются основой для выстраивания долгосрочного и эффективного сотрудничества с предприятиями радиоэлектронной промышленности, предприятиями ВПК и научно-исследовательскими институтами России.

С нами вы становитесь еще успешнее!

**Наши контакты:**

**Телефон:** +7 812 627 14 35

**Электронная почта:** [sales@st-electron.ru](mailto:sales@st-electron.ru)

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помещение 100-Н Офис 331