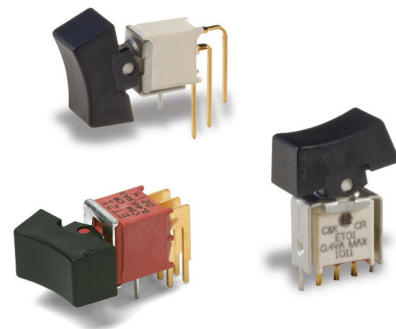


## Typical Applications

- **Telecommunications**
- **Instrumentation**
- **Computers & peripherals**



## Materials

CASE & BUSHING: Glass filled nylon 6/6, flame retardant, heat stabilized (UL 94V-0) or glass filled 4/6 nylon, flame retardant, heat stabilized (UL 94V-0).

ACTUATOR: Nylon, black standard. Internal o-ring seal standard with all actuators. SA surface mount: High temperature material, glass filled 46 nylon, flame retardant, heat stabilized (UL 94V-0).

SWITCH SUPPORT: Brass, matte-tin plated.

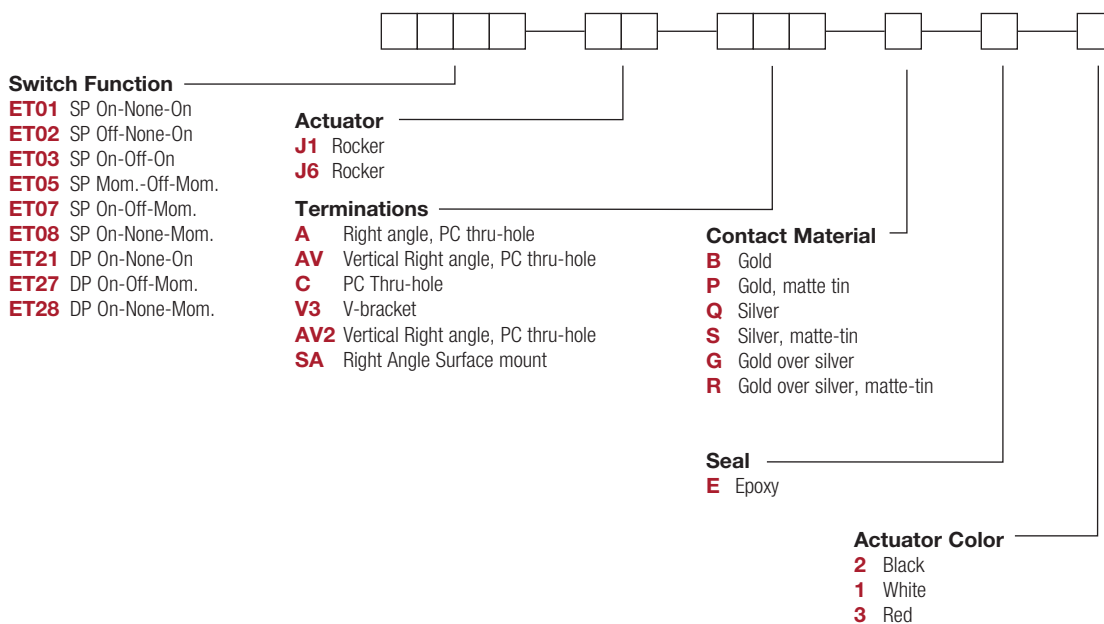
CONTACTS & TERMINALS: B contact material: Copper alloy, with gold plate over nickel plate. Q contact material: Copper alloy, silver plated. See page G-43 for additional contact materials.

TERMINAL SEAL: Epoxy.

**NOTE:** Any models supplied with Q, B, G, S, P & R contact material are RoHS compliant.

**NOTE:** Specifications and materials listed above are for switches with standard options. For information on specific and custom switches, consult Customer Service Center.

To order, simply select desired option from each category and place in the appropriate box. Available options are shown and described on pages G-40 thru G-44. For additional options not shown in catalog, consult Customer Service Center. All models are process sealed to withstand machine soldering temperatures and pressure wash cleaning methods.



Dimensions are shown: Inches (mm)  
Specifications and dimensions subject to change

# ET Series

## Sealed Subminiature Rocker Switches

| SWITCH FUNCTION                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           |                 |        |        |                     |        |         |           |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------|-----------------|--------|--------|---------------------|--------|---------|-----------|
| NO. POLES                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | MODEL NO. | SWITCH FUNCTION |        |        | CONNECTED TERMINALS |        |         | SCHEMATIC |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |           | POS. 1          | POS. 2 | POS. 3 | POS. 1              | POS. 2 | POS. 3  |           |
| SP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ET01      | ON              | NONE   | ON     | 2-3                 | N/A    | 2-1     |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ET03      | ON              | OFF    | ON     |                     |        |         |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ET05      | MOM.            | OFF    | MOM.   |                     |        |         |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ET07      | ON              | OFF    | MOM.   |                     |        |         |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ET08      | ON              | NONE   | MOM.   | N/A                 |        |         |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ET02      | OFF             | NONE   | ON     | OPEN                | N/A    | 3-1     | SPST      |
| <div><div><div><div><div>25°</div><div>POS. 3</div><div>POS. 2</div><div>POS. 1</div></div><div><div><div>C&amp;K MARKING ON OPPOSITE SIDE</div><div>EPOXY SEAL</div><div>.020 x .030 TYP.<br/>(0, 51) (0, 76)</div><div>.100 TYP.<br/>(2, 54)</div><div>.130<br/>(3, 30)</div><div>.670<br/>(17, 02)</div><div>.444<br/>(11, 28)</div><div>.783<br/>(19, 89)</div></div></div></div><div>ET02 Models:<br/>Omit terminal 2</div><div><div><div><div><div>.320<br/>(8, 13)</div><div>.200<br/>(5, 08)</div></div><div><div>3</div><div>2</div><div>1</div></div></div><div>Terminal Nos.<br/>For Reference Only</div></div></div></div></div>                                                      |           |                 |        |        |                     |        |         |           |
| DP                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | ET21      | ON              | NONE   | ON     | 2-3,5-6             | N/A    | 2-1,5-4 |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ET27      | ON              | OFF    | MOM.   |                     | OPEN   |         |           |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | ET28      | ON              | NONE   | MOM.   |                     | N/A    |         |           |
| <div><div><div><div><div>25°</div><div>POS. 3</div><div>POS. 2</div><div>POS. 1</div></div><div><div><div>C&amp;K MARKING ON OPPOSITE SIDE</div><div>EPOXY SEAL</div><div>.020 TYP.<br/>(0, 51)</div><div>.100 TYP.<br/>(2, 54)</div><div>.130<br/>(3, 30)</div><div>.670<br/>(17, 02)</div><div>.444<br/>(11, 28)</div><div>.783<br/>(19, 89)</div></div></div></div><div>Terminal Nos.<br/>For Reference Only</div><div><div><div><div><div>.360<br/>(9, 14)</div><div>.200<br/>(5, 08)</div><div>.320<br/>(8, 13)</div><div>.030 TYP.<br/>(0, 76)<br/>TERM. WIDTH</div></div><div><div>6</div><div>5</div><div>4</div><div>3</div><div>2</div><div>1</div></div></div></div></div></div></div> |           |                 |        |        |                     |        |         |           |

MOM. = Momentary

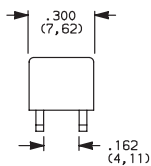
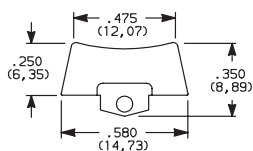
All models with all options when ordered with G, S, R or Q contact material.



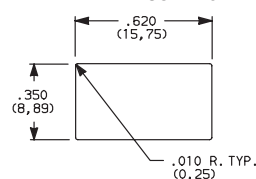
# ET Series Sealed Subminiature Rocker Switches

## ACTUATOR ACTUATOR COLOR

### J1 ROCKER

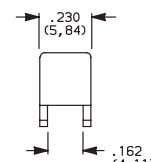
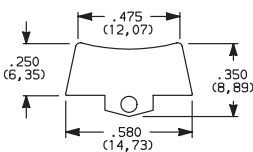


#### PANEL MOUNTING

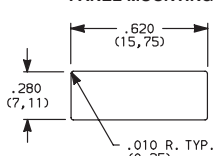


Available with all models except ET0X with A & SA & SA1 terminations.

### J6 ROCKER



#### PANEL MOUNTING



Standard with ET0X model with A & SA & SA1 terminations.

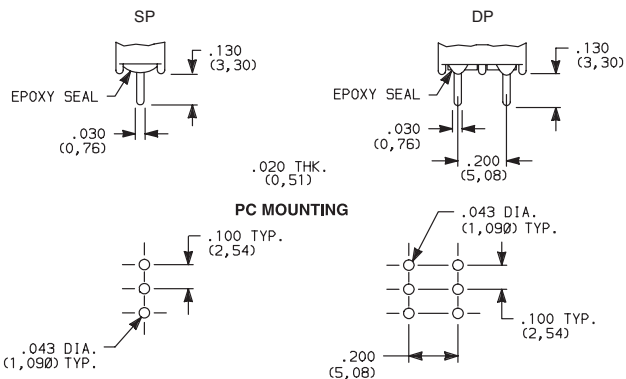
| OPTION CODE | ACTUATOR COLOR |
|-------------|----------------|
| 2           | BLACK          |
| 1           | WHITE          |
| 3           | RED            |

Actuators available separately, see page G-45.  
Finish: Matte. Other colors, custom actuator markings and legends available, consult Customer Service Center.

**NOTE:** Internal o-ring actuator seal standard.

## TERMINATIONS

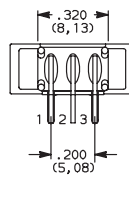
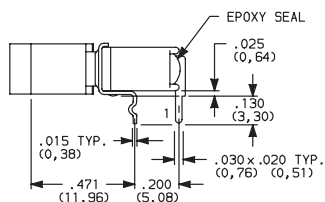
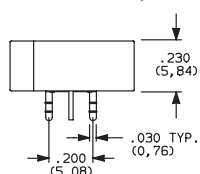
### C PC THRU-HOLE



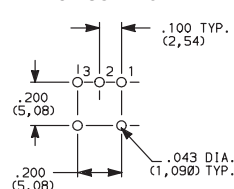
ET02 Models: Omit center hole.

### SP & DP

### A RIGHT ANGLE, PC THRU-HOLE



#### PC MOUNTING



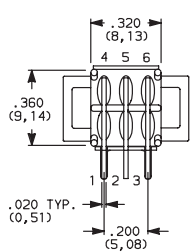
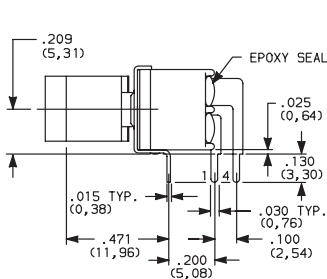
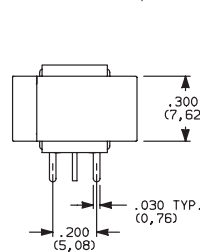
ET01J6ABE2  
Horizontal Actuation  
SPDT

Actuator Shown In Pos. 1

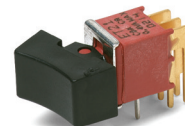
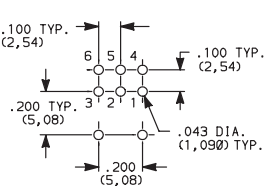
Not available with ET02 model.

J6 actuator std. only on ET0X models with A terminations.

### A RIGHT ANGLE, PC THRU-HOLE

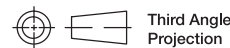


#### PC MOUNTING



ET21J1ABE2  
Horizontal Actuation  
DPDT

Actuator Shown In Pos. 1



Dimensions are shown: Inches (mm)

Specifications and dimensions subject to change

www.ckswitches.com

Rocker



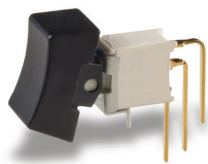
G

C&K

# ET Series Sealed Subminiature Rocker Switches

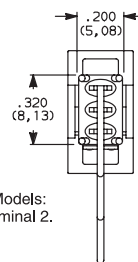
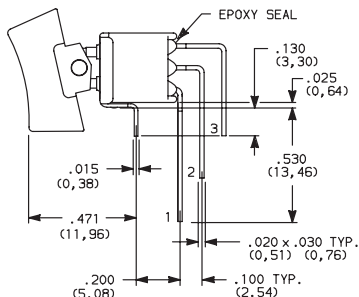
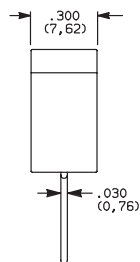
## TERMINATIONS

### AV VERTICAL RIGHT ANGLE, PC THRU-HOLE



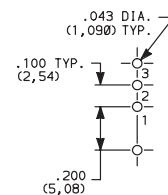
**ET01J1AVBE2**  
Vertical Actuation  
**SPDT**

Actuator Shown In Pos. 1



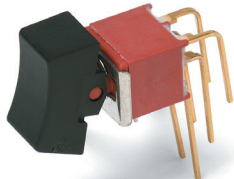
ET02 Models:  
Omit terminal 2.

#### PC MOUNTING



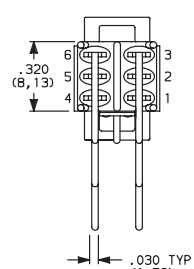
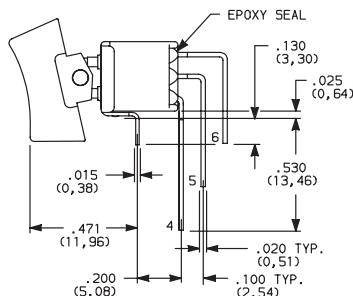
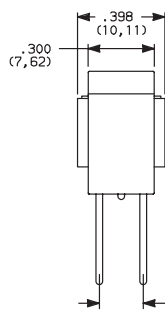
**NOTE:** Terminal bend radii and lead-in manufacturing option.

### AV VERTICAL RIGHT ANGLE, PC THRU-HOLE

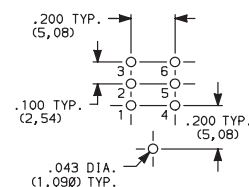


**ET21J1AVBE2**  
Vertical Actuation  
**DPDT**

Actuator Shown In Pos. 1

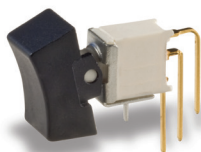


#### PC MOUNTING

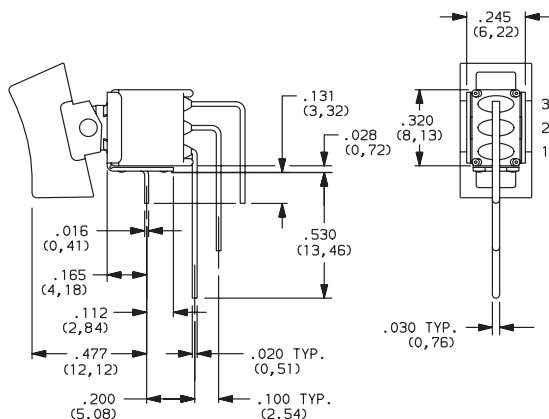
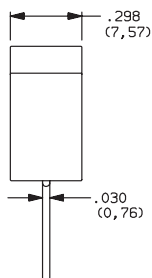


**NOTE:** Terminal bend radii and lead-in manufacturing option.

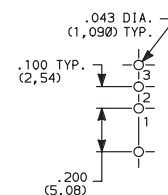
### AV2 VERTICAL RIGHT ANGLE, PC THRU-HOLE



**ET01J1AV2BE2**  
Vertical Actuation  
**SPDT**



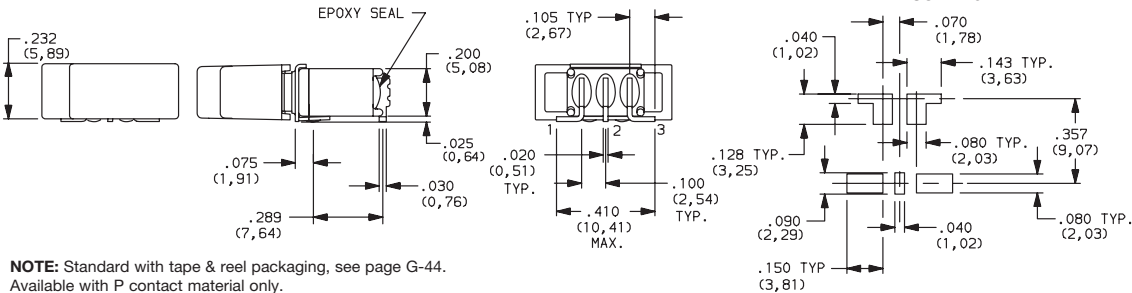
#### PC MOUNTING



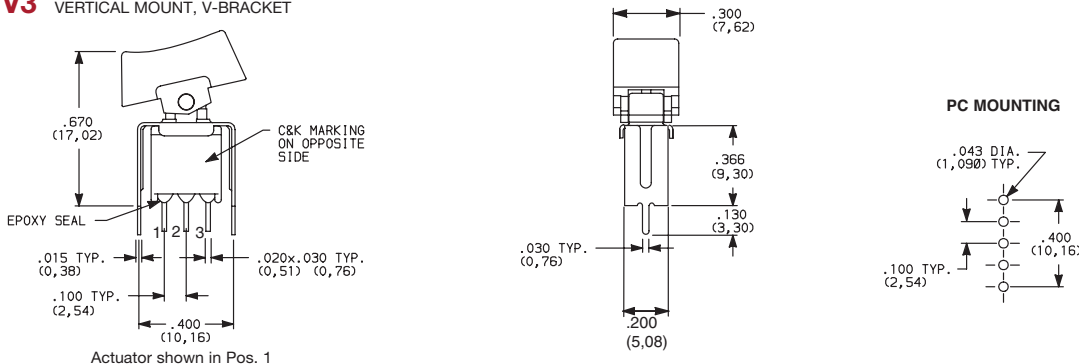
# ET Series Sealed Subminiature Rocker Switches

## TERMINATIONS

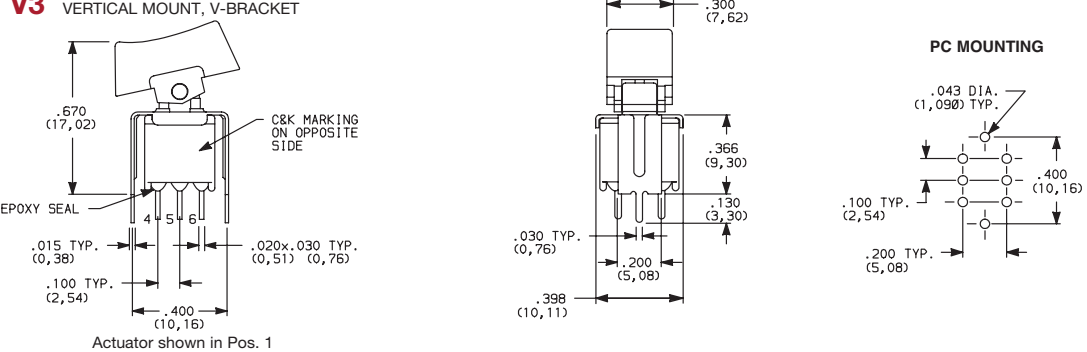
### SA RIGHT ANGLE, SURFACE MOUNT



### V3 VERTICAL MOUNT, V-BRACKET



### V3 VERTICAL MOUNT, V-BRACKET



## CONTACT MATERIAL

| OPTION CODE | CONTACT MATERIAL                | TERMINAL PLATING       | RATINGS                        |                                                                                                                                                                     |
|-------------|---------------------------------|------------------------|--------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>B</b>    | GOLD <sup>1</sup>               | GOLD <sup>1</sup>      | LOW LEVEL/<br>DRY CIRCUIT      | 0.4 VA MAX. @ 20 V AC OR DC MAX.                                                                                                                                    |
| <b>P</b>    |                                 | MATTE-TIN <sup>6</sup> |                                |                                                                                                                                                                     |
| <b>Q</b>    | SILVER <sup>4,5</sup>           | SILVER <sup>5</sup>    | POWER                          | ETX1 MODELS: 3 AMPS @ 120 V AC OR 28 V DC.<br>ALL OTHER MODELS: 2 AMPS @ 120 V AC OR 28 V DC.                                                                       |
| <b>S</b>    |                                 | MATTE-TIN <sup>6</sup> |                                |                                                                                                                                                                     |
| <b>G</b>    | GOLD OVER SILVER <sup>2,3</sup> | GOLD <sup>3</sup>      | LOW LEVEL/DRY CIRCUIT OR POWER | ETX1 MODELS: 0.4 VA MAX @ 20 V AC OR DC MAX. OR 3 AMPS @ 120 V AC OR 28 V DC.<br>ALL OTHER MODELS: 0.4 VA MAX @ 20 V AC OR DC MAX. OR 2 AMPS @ 120 V AC OR 28 V DC. |
| <b>R</b>    |                                 | MATTE-TIN <sup>6</sup> |                                |                                                                                                                                                                     |

\* Note: See Technical Data section of this catalog for RoHS compliant and compatible definitions and specifications.

<sup>1</sup> CONTACTS & TERMINALS: Copper alloy, with gold plate over nickel plate.

<sup>2</sup> END CONTACTS: Coin silver, with gold plate over nickel plate.

<sup>3</sup> CENTER CONTACTS & ALL TERMINALS: Copper alloy, with gold plate over nickel plate.

<sup>4</sup> END CONTACTS: Coin silver, silver plated.

<sup>5</sup> CENTER CONTACT & ALL TERMINALS: Copper alloy, silver plated.

<sup>6</sup> TERMINALS: Copper alloy, with matte-tin over nickel plate.

**NOTE:** Any models supplied with Q, B, G, S, P & R contact material are RoHS compliant.

All models  with all options when ordered with G, Q, S & R contact material.



Dimensions are shown: Inches (mm)  
Specifications and dimensions subject to change

www.ckswitches.com

Rocker



G

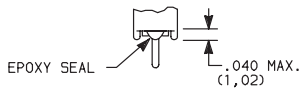
**C&K**

# ET Series

## Sealed Subminiature Rocker Switches

SEAL

**E** EPOXY SEAL



### AVAILABLE HARDWARE

J1 Actuator



PART NO.  
**261A01000** WHITE  
**261A02263** BLACK  
**261A03000** RED  
 Material: Nylon  
 Finish: Matte  
 NOT AVAILABLE WITH A, SA, SA1

J6 Actuator



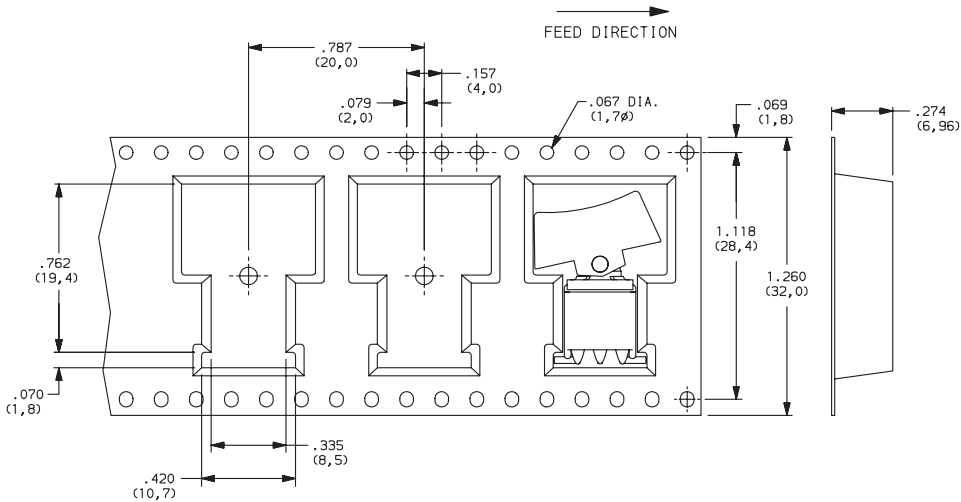
PART NO.  
**621C01000** WHITE  
**621C02263** BLACK  
**621C03000** RED  
 Material: Nylon  
 Finish: Matte  
 For Hi Temp, Consult Factory

**NOTE:** Other colors available, consult Customer Service Center.

### TAPE & REEL SA TERMINATION

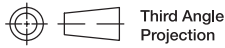
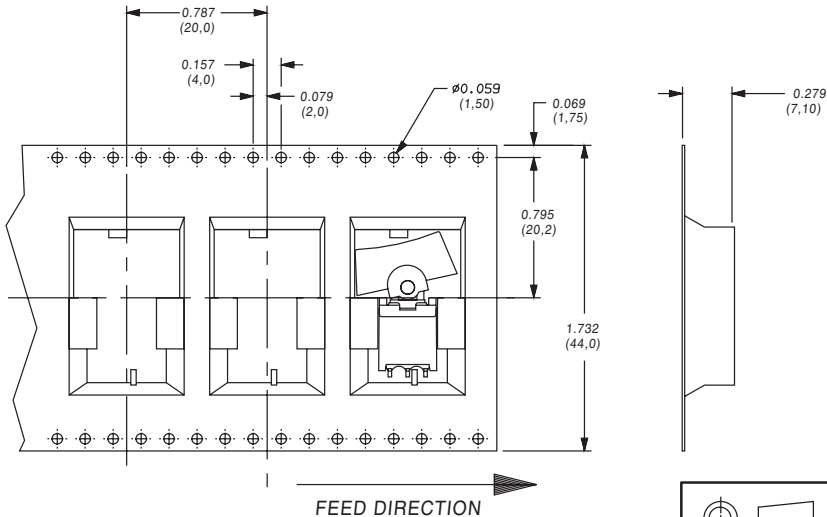
ET01J6SABE (SHOWN)

| REEL INFORMATION  |               |
|-------------------|---------------|
| OUTSIDE DIAMETER  | 13.00 (330,0) |
| PILOT HOLE        | .512 (13,0)   |
| QUANTITY PER REEL | 500           |



ET01J6SA1BE (SHOWN)

| REEL INFORMATION  |               |
|-------------------|---------------|
| OUTSIDE DIAMETER  | 13.00 (330,0) |
| PILOT HOLE        | .795 (20,20)  |
| QUANTITY PER REEL | 450           |



Dimensions are shown: Inches (mm)  
 Specifications and dimensions subject to change





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.