

# High Power Resistive Products



## Resistors

AVX introduces its line of High Power Resistive Products. All products are designed and manufactured at our ISO 9001 Facilities.

### ELECTRICAL SPECIFICATIONS

**Resistance:** 50 and 100  $\Omega$  standard (10  $\Omega$  - 200  $\Omega$  available)

**Resistance Tolerance:**  $\pm 5\%$  standard ( $\pm 2\%$  available)

**Power:** 2 Watts through 250 Watts

**Operating Temperature Range:**  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$

**Temperature Coefficient:**  $< 150$  ppm/ $^{\circ}\text{C}$

**Low Capacitance**



### MECHANICAL SPECIFICATIONS

**Package:** Surface Mount Chips, Chips, Leaded Chips, Flanged

**Substrate Material:** Aluminum Nitride

**Process:** Thin Film

**Resistive Material:** Tantalum

**Terminals:** Silver

**Cover:** Alumina

**Mounting Flange:** 100% Cu, Ni or Ag Plated

**Mechanical Tolerance:**  $\pm 0.13$  (0.005)

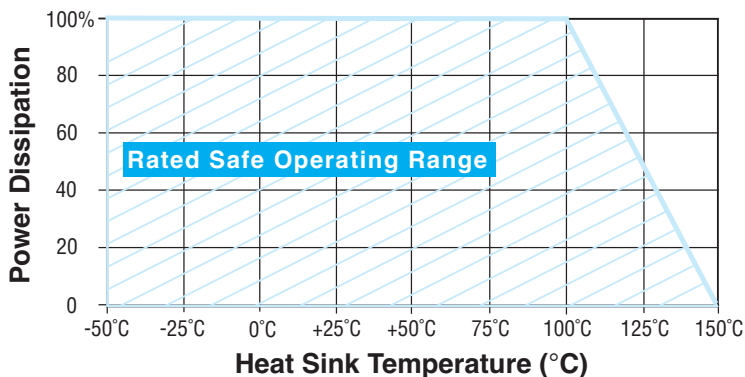
**SMT and Chip products, supplied on Tape and Reel**

**Non-Magnetic** (exception RP4 and RP5 Style Surface Mount Resistors)

**RoHS Compliant**



### POWER DERATING



# High Power Resistive Products



## Resistors

### FLANGE MOUNT RESISTORS

#### GENERAL SPECIFICATIONS

**Resistance:** 50 and 100  $\Omega$  standard  
(contact factory for custom resistance values)

**Resistive Tolerance:**  $\pm 5\%$  standard ( $\pm 2\%$  available)

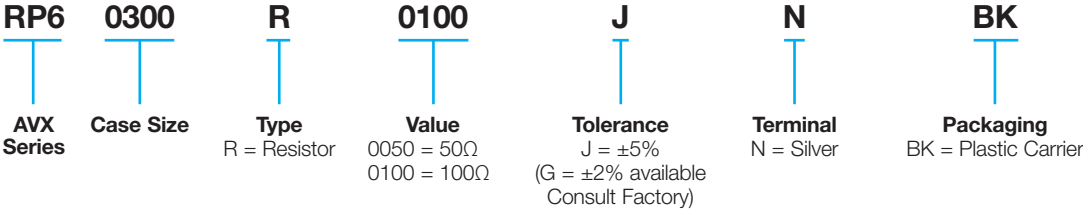
**Power:** 20-250 Watts

**Capacitance:** 1.0 pF

**Operating Temperature Range:**  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$

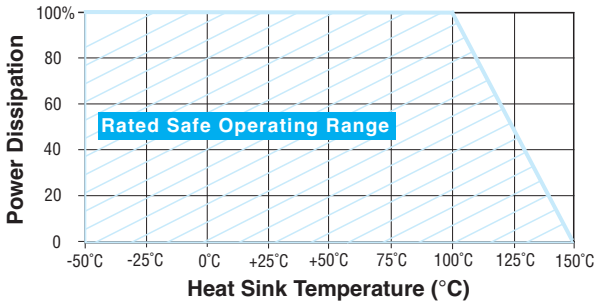
**Temperature Coefficient:**  $<150$  ppm/ $^{\circ}\text{C}$

#### HOW TO ORDER



Contact factory for custom ratings and sizes.

#### POWER DERATING



# High Power Resistive Products



## Resistors

### FLANGE MOUNT RESISTOR – P/N: RP60300RXXXXJNBK

#### ELECTRICAL SPECIFICATIONS

**Resistance:** 50 and 100  $\Omega$  standard  
(other resistance values available)

**Resistive Tolerance:**  $\pm 5\%$  standard ( $\pm 2\%$  available)

**Power:** 20 Watts

**Capacitance:** 1.0 pF

**Operating Temperature Range:**  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$

**Temperature Coefficient:**  $<150$  ppm/ $^{\circ}\text{C}$

**Tabs:** Silver

**RoHS Compliant**

**Non-Magnetic available**



mm (inches)

### FLANGE MOUNT RESISTOR – P/N: RP60302RXXXXJNBK

#### ELECTRICAL SPECIFICATIONS

**Resistance:** 50 and 100  $\Omega$  standard  
(other resistance values available)

**Resistive Tolerance:**  $\pm 5\%$  standard ( $\pm 2\%$  available)

**Power:** 20 Watts

**Capacitance:** 1.0pF

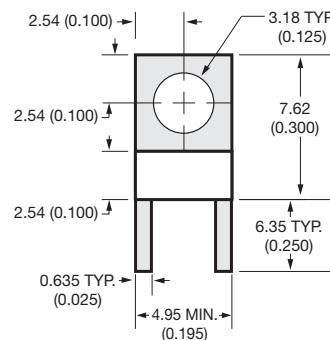
**Operating Temperature Range:**  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$

**Temperature Coefficient:**  $<150$  ppm/ $^{\circ}\text{C}$

**Tabs:** Silver

**RoHS Compliant**

**Non-Magnetic available**



mm (inches)

For Part Number Code, see page 8.



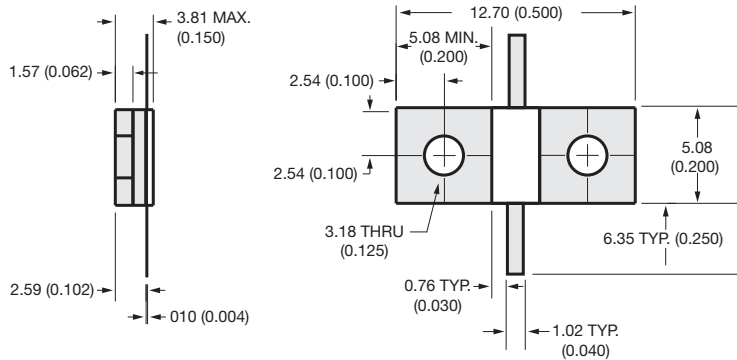
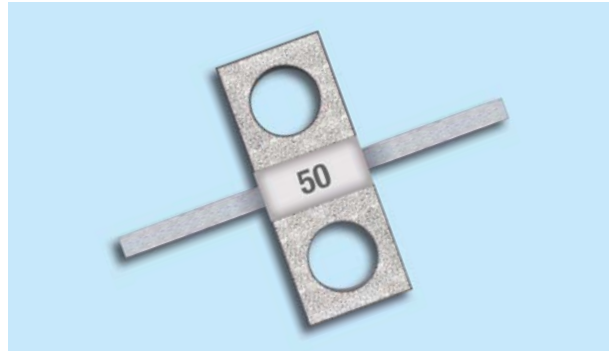
# High Power Resistive Products



## Resistors

### FLANGE MOUNT RESISTOR – P/N: RP60500RXXXXJNBK ELECTRICAL SPECIFICATIONS

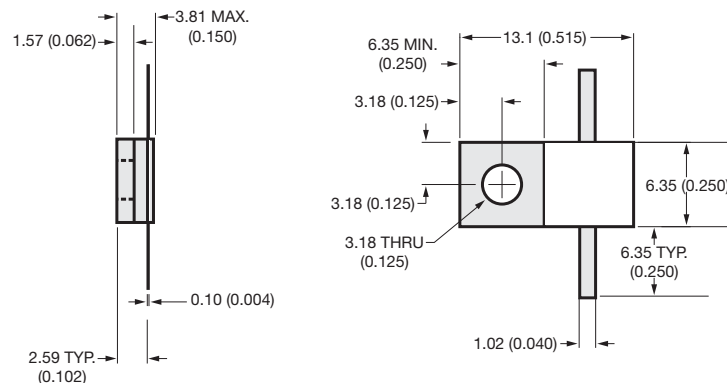
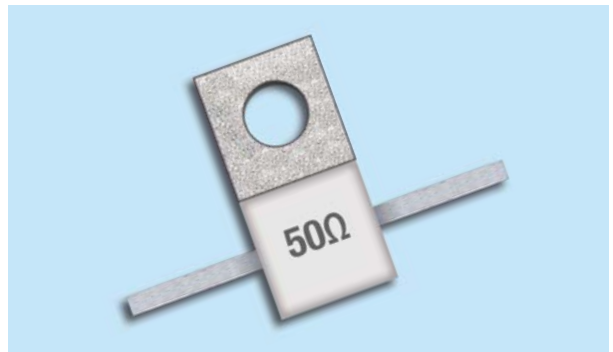
- Resistance:** 50 and 100  $\Omega$  standard  
(other resistance values available)
- Resistive Tolerance:**  $\pm 5\%$  standard ( $\pm 2\%$  available)
- Power:** 25 Watts
- Capacitance:** 1.0pF
- Operating Temperature Range:**  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$
- Temperature Coefficient:**  $<150$  ppm/ $^{\circ}\text{C}$
- Tabs:** Silver
- RoHS Compliant**
- Non-Magnetic available**



mm (inches)

### FLANGE MOUNT RESISTOR – P/N: RP60515RXXXXJNBK ELECTRICAL SPECIFICATIONS

- Resistance:** 50 and 100  $\Omega$  standard  
(other resistance values available)
- Resistive Tolerance:**  $\pm 5\%$  standard ( $\pm 2\%$  available)
- Power:** 60 Watts
- Capacitance:** 2.0 pF
- Operating Temperature Range:**  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$
- Temperature Coefficient:**  $<150$  ppm/ $^{\circ}\text{C}$
- Tabs:** Silver
- RoHS Compliant**
- Non-Magnetic available**



mm (inches)

For Part Number Code, see page 8.



# High Power Resistive Products



## Resistors

### FLANGE MOUNT RESISTOR – P/N: RP60517RXXXJNBK ELECTRICAL SPECIFICATIONS

- Resistance:** 50 and 100  $\Omega$  standard  
(other resistance values available)
- Resistive Tolerance:**  $\pm 5\%$  standard ( $\pm 2\%$  available)
- Power:** 60 Watts
- Capacitance:** 2.2 pF
- Operating Temperature Range:**  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$
- Temperature Coefficient:**  $<150$  ppm/ $^{\circ}\text{C}$
- Tabs:** Silver
- RoHS Compliant**
- Non-Magnetic available**



mm (inches)

### FLANGE MOUNT RESISTOR – P/N: RP60560RXXXJNBK ELECTRICAL SPECIFICATIONS

- Resistance:** 50 and 100  $\Omega$  standard  
(other resistance values available)
- Resistive Tolerance:**  $\pm 5\%$  standard ( $\pm 2\%$  available)
- Power:** 75 Watts
- Capacitance:** 4.15 pF
- Operating Temperature Range:**  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$
- Temperature Coefficient:**  $<150$  ppm/ $^{\circ}\text{C}$
- Tabs:** Silver
- RoHS Compliant**
- Non-Magnetic available**



mm (inches)

For Part Number Code, see page 8.



# High Power Resistive Products



## Resistors

### FLANGE MOUNT RESISTOR – P/N: RP60870RXXXXJNBK ELECTRICAL SPECIFICATIONS

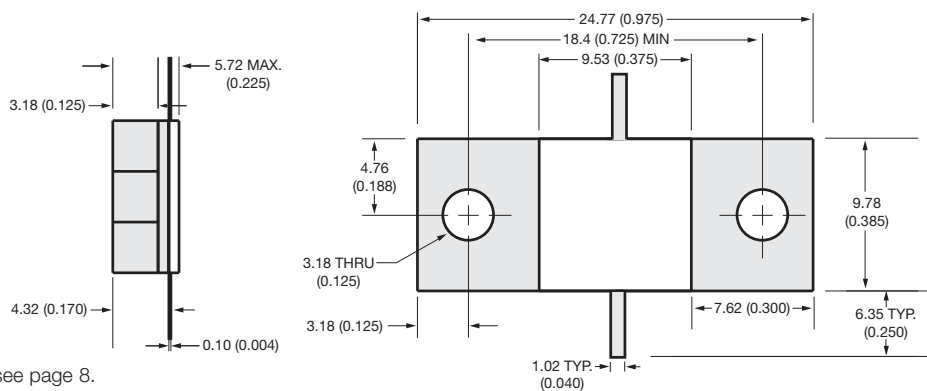
- Resistance:** 50 and 100 Ω standard  
(other resistance values available)
- Resistive Tolerance:** ±5% standard (±2% available)
- Power:** 150 Watts
- Capacitance:** 4.15 pF
- Operating Temperature Range:** -55°C to +150°C
- Temperature Coefficient:** <150 ppm/°C
- Tabs:** Silver
- RoHS Compliant**
- Non-Magnetic available**



mm (inches)

### FLANGE MOUNT RESISTOR – P/N: RP60975RXXXXJNBK ELECTRICAL SPECIFICATIONS

- Resistance:** 50 and 100 Ω standard  
(other resistance values available)
- Resistive Tolerance:** ±5% standard (±2% available)
- Power:** 250 Watts
- Capacitance:** 6.5 pF
- Operating Temperature Range:** -55°C to +150°C
- Temperature Coefficient:** <150 ppm/°C
- RoHS Compliant**
- Non-Magnetic available**



mm (inches)

For Part Number Code, see page 8.



# High Power Resistive Products



## Resistors

### FLANGE MOUNT RESISTOR – P/N: RP60562RXXXJNBK

#### ELECTRICAL SPECIFICATIONS

**Resistance:** 50 and 100  $\Omega$  standard  
(other resistance values available)

**Resistive Tolerance:**  $\pm 5\%$  standard ( $\pm 2\%$  available)

**Power:** 75 Watts

**Capacitance:** 4.15 pF

**Operating Temperature Range:**  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$

**Temperature Coefficient:**  $<150$  ppm/ $^{\circ}\text{C}$

**Tabs:** Silver

**RoHS Compliant**

**Non-Magnetic available**



mm (inches)

### FLANGE MOUNT RESISTOR – P/N: RP60800RXXXJNBK

#### ELECTRICAL SPECIFICATIONS

**Resistance:** 50 and 100  $\Omega$  standard  
(other resistance values available)

**Resistive Tolerance:**  $\pm 5\%$  standard ( $\pm 2\%$  available)

**Power:** 100 Watts

**Capacitance:** 3.10 pF

**Operating Temperature Range:**  $-55^{\circ}\text{C}$  to  $+150^{\circ}\text{C}$

**Temperature Coefficient:**  $<150$  ppm/ $^{\circ}\text{C}$

**Tabs:** Silver

**RoHS Compliant**

**Non-Magnetic available**



mm (inches)

For Part Number Code, see page 8.

Компания «Life Electronics» занимается поставками электронных компонентов импортного и отечественного производства от производителей и со складов крупных дистрибьюторов Европы, Америки и Азии.

С конца 2013 года компания активно расширяет линейку поставок компонентов по направлению коаксиальный кабель, кварцевые генераторы и конденсаторы (керамические, пленочные, электролитические), за счёт заключения дистрибьюторских договоров

Мы предлагаем:

- Конкуренспособные цены и скидки постоянным клиентам.
- Специальные условия для постоянных клиентов.
- Подбор аналогов.
- Поставку компонентов в любых объемах, удовлетворяющих вашим потребностям.
- Приемлемые сроки поставки, возможна ускоренная поставка.
- Доставку товара в любую точку России и стран СНГ.
- Комплексную поставку.
- Работу по проектам и поставку образцов.
- Формирование склада под заказчика.
- Сертификаты соответствия на поставляемую продукцию (по желанию клиента).
- Тестирование поставляемой продукции.
- Поставку компонентов, требующих военную и космическую приемку.
- Входной контроль качества.
- Наличие сертификата ISO.

В составе нашей компании организован Конструкторский отдел, призванный помогать разработчикам, и инженерам.

Конструкторский отдел помогает осуществить:

- Регистрацию проекта у производителя компонентов.
- Техническую поддержку проекта.
- Защиту от снятия компонента с производства.
- Оценку стоимости проекта по компонентам.
- Изготовление тестовой платы монтаж и пусконаладочные работы.



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