

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 Ω standard (10 Ω - 200 Ω available)

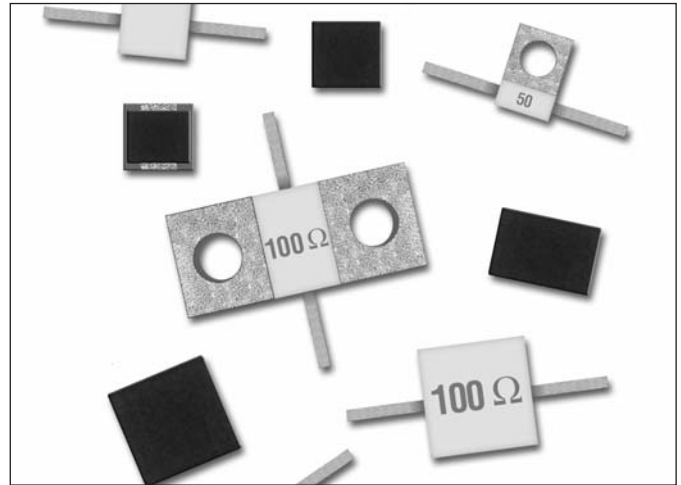
Resistance Tolerance: $\pm 5\%$ standard ($\pm 2\%$ available)

Power: 2 Watts through 250 Watts

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

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

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: ± 0.13 (0.005)

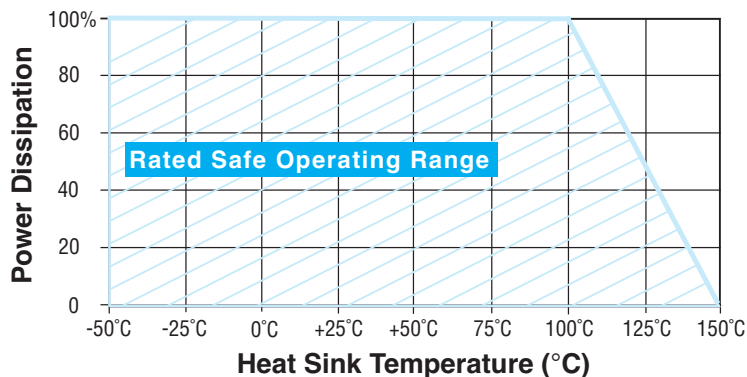
SMT and Chip products, supplied on Tape and Reel

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 Ω 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°C to $+150^{\circ}\text{C}$

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

HOW TO ORDER

RP6

AVX
Series

0300

Case Size

R

Type
R = Resistor

0100

Value
0050 = 50 Ω
0100 = 100 Ω

J

Tolerance
J = $\pm 5\%$
(G = $\pm 2\%$ available
Consult Factory)

N

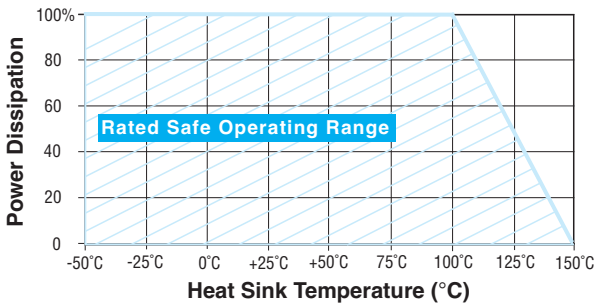
Terminal
N = Silver

BK

Packaging
BK = Plastic Carrier

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 Ω standard
(other resistance values available)

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

Power: 20 Watts

Capacitance: 1.0 pF

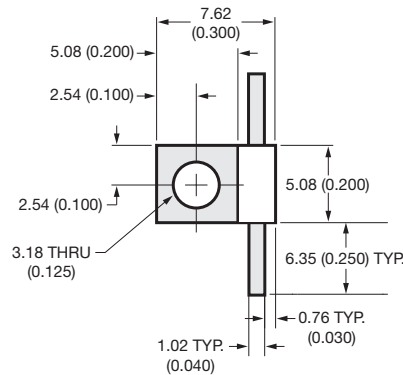
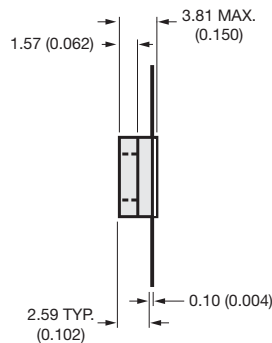
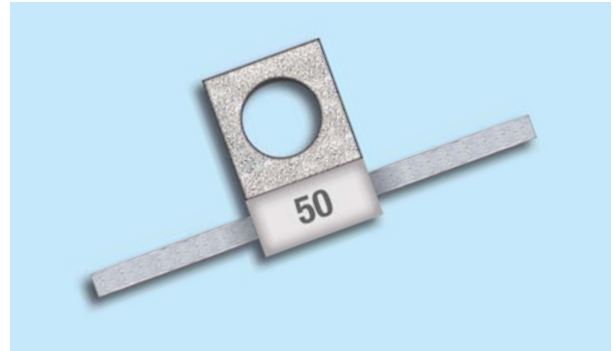
Operating Temperature Range: -55°C to $+150^{\circ}\text{C}$

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 Ω standard
(other resistance values available)

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

Power: 20 Watts

Capacitance: 1.0pF

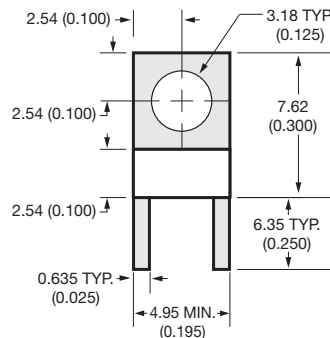
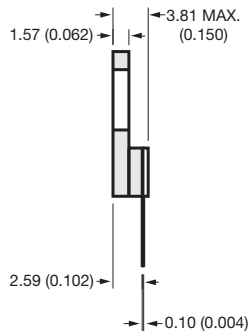
Operating Temperature Range: -55°C to $+150^{\circ}\text{C}$

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 Ω standard
(other resistance values available)

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

Power: 25 Watts

Capacitance: 1.0pF

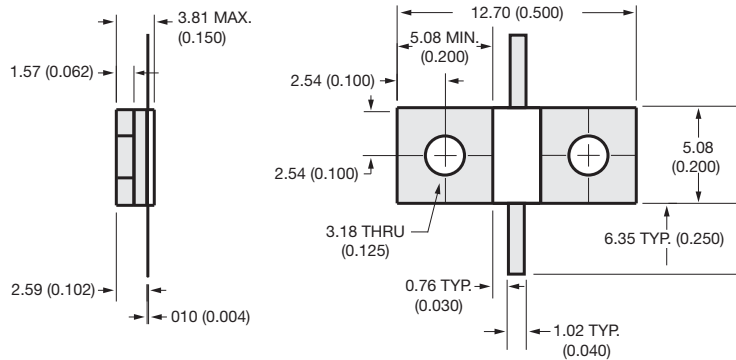
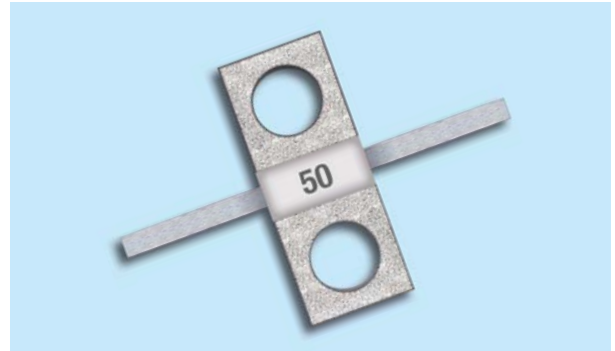
Operating Temperature Range: -55°C to $+150^{\circ}\text{C}$

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 Ω standard
(other resistance values available)

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

Power: 60 Watts

Capacitance: 2.0 pF

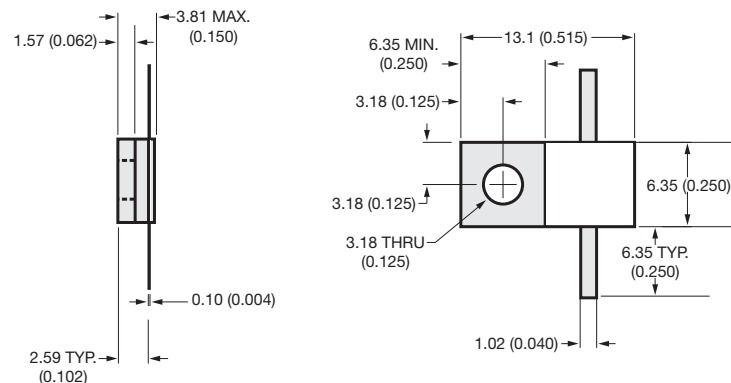
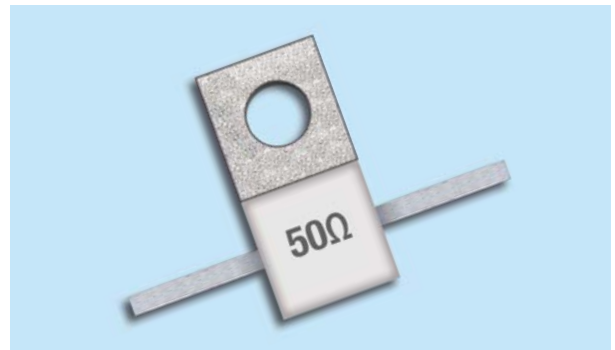
Operating Temperature Range: -55°C to $+150^{\circ}\text{C}$

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

Tabs: Silver

RoHS Compliant

Non-Magnetic available



mm (inches)

For Part Number Code, see page 8.

Resistors

FLANGE MOUNT RESISTOR – P/N: RP60517RXXXXJNBK

ELECTRICAL SPECIFICATIONS

Resistance: 50 and 100 Ω standard
(other resistance values available)

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

Power: 60 Watts

Capacitance: 2.2 pF

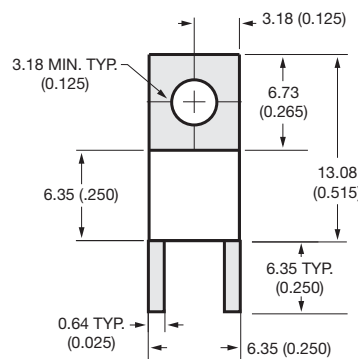
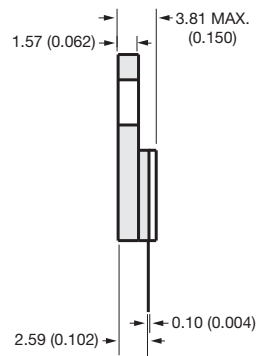
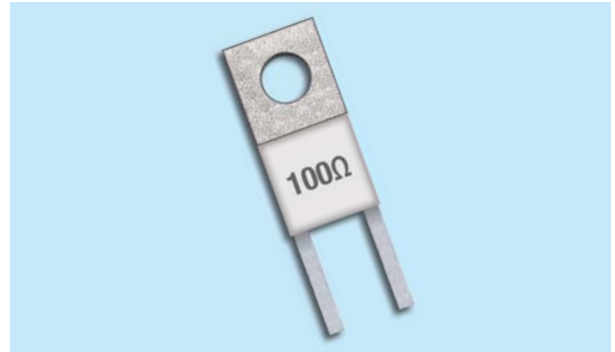
Operating Temperature Range: -55°C to $+150^{\circ}\text{C}$

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

Tabs: Silver

RoHS Compliant

Non-Magnetic available



mm (inches)

FLANGE MOUNT RESISTOR – P/N: RP60560RXXXXJNBK

ELECTRICAL SPECIFICATIONS

Resistance: 50 and 100 Ω standard
(other resistance values available)

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

Power: 75 Watts

Capacitance: 4.15 pF

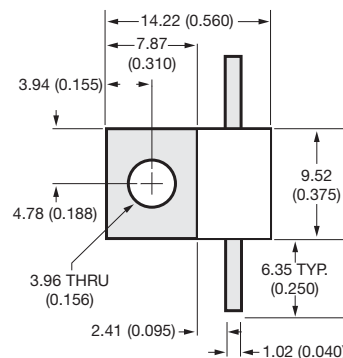
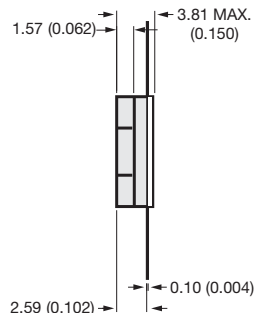
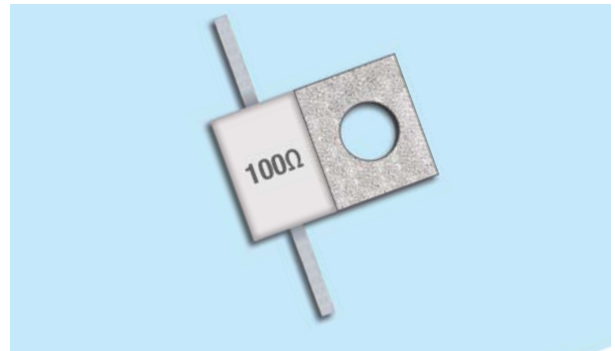
Operating Temperature Range: -55°C to $+150^{\circ}\text{C}$

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

Tabs: Silver

RoHS Compliant

Non-Magnetic available



mm (inches)

For Part Number Code, see page 8.

Resistors

FLANGE MOUNT RESISTOR – P/N: RP60870RXXXXJNBK

ELECTRICAL SPECIFICATIONS

Resistance: 50 and 100 Ω standard
(other resistance values available)

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

Power: 150 Watts

Capacitance: 4.15 pF

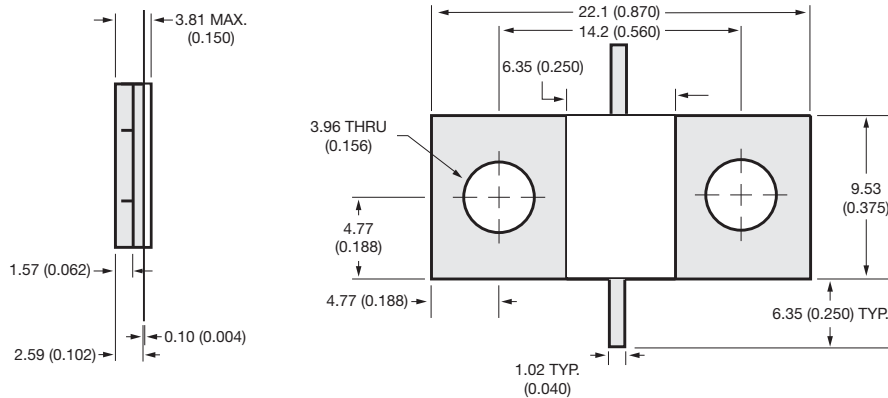
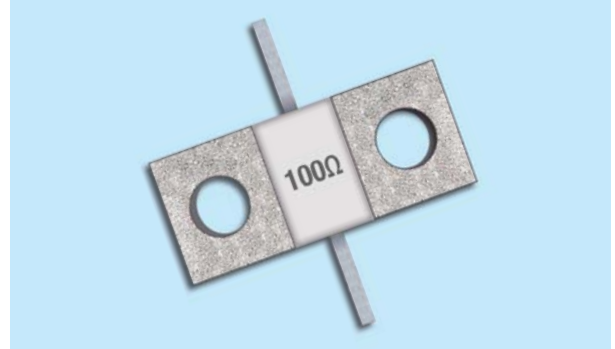
Operating Temperature Range: -55°C to $+150^{\circ}\text{C}$

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

Tabs: Silver

RoHS Compliant

Non-Magnetic available



mm (inches)

FLANGE MOUNT RESISTOR – P/N: RP60975RXXXXJNBK

ELECTRICAL SPECIFICATIONS

Resistance: 50 and 100 Ω standard
(other resistance values available)

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

Power: 250 Watts

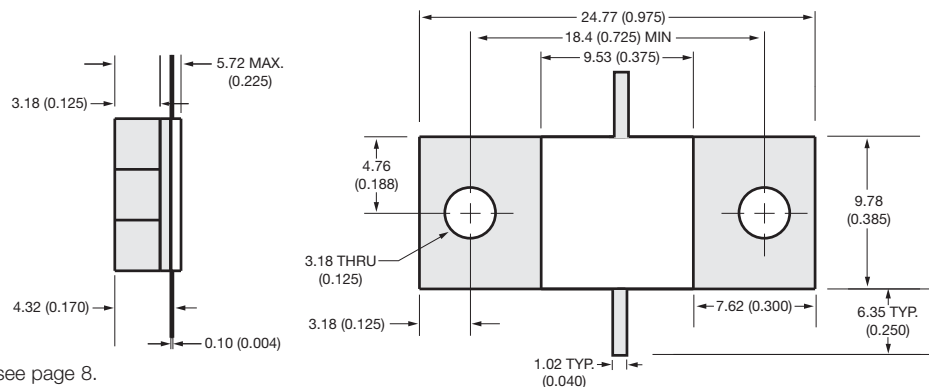
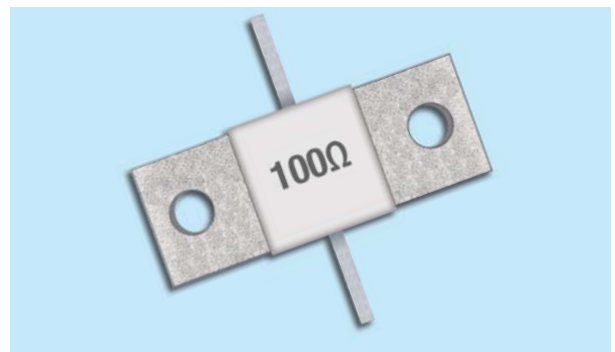
Capacitance: 6.5 pF

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

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

RoHS Compliant

Non-Magnetic available



mm (inches)

For Part Number Code, see page 8.

High Power Resistive Products



Resistors

FLANGE MOUNT RESISTOR – P/N: RP60562RXXXXJNBK

ELECTRICAL SPECIFICATIONS

Resistance: 50 and 100 Ω standard
(other resistance values available)

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

Power: 75 Watts

Capacitance: 4.15 pF

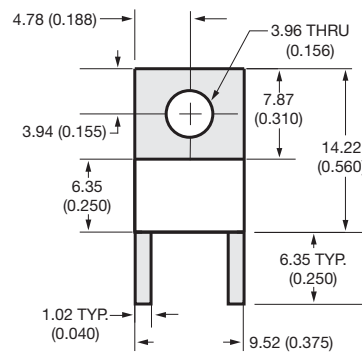
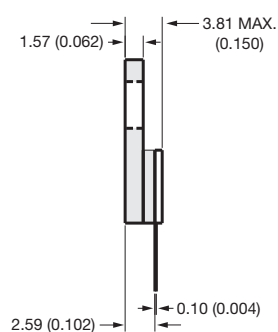
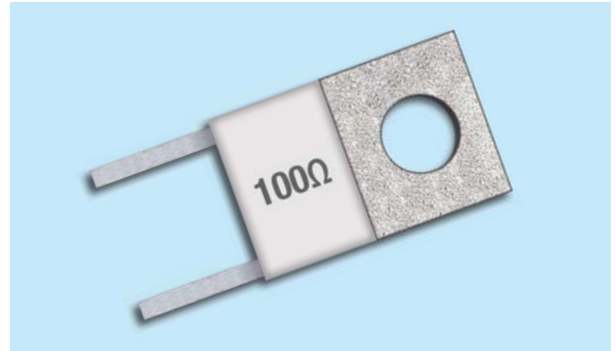
Operating Temperature Range: -55°C to $+150^{\circ}\text{C}$

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

Tabs: Silver

RoHS Compliant

Non-Magnetic available



mm (inches)

FLANGE MOUNT RESISTOR – P/N: RP60800RXXXXJNBK

ELECTRICAL SPECIFICATIONS

Resistance: 50 and 100 Ω standard
(other resistance values available)

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

Power: 100 Watts

Capacitance: 3.10 pF

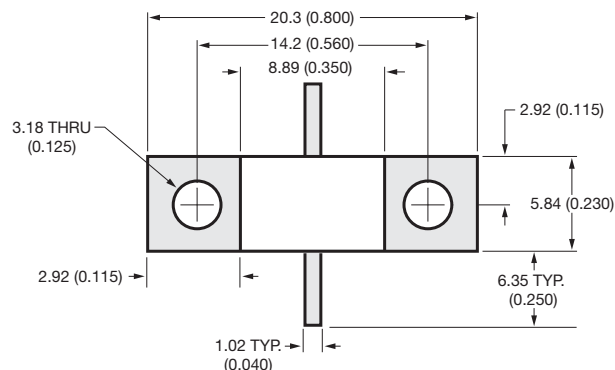
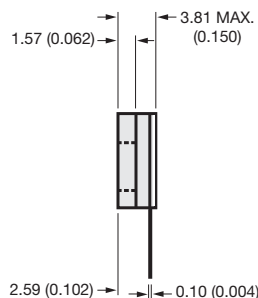
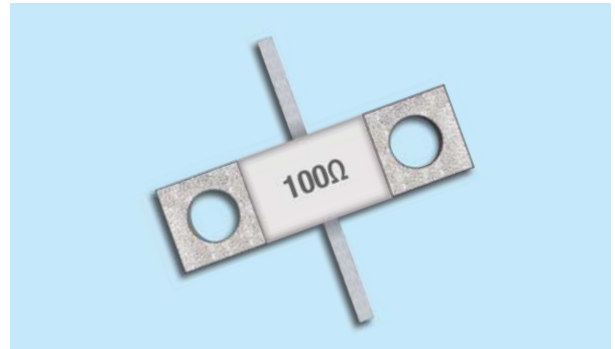
Operating Temperature Range: -55°C to $+150^{\circ}\text{C}$

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

Tabs: Silver

RoHS Compliant

Non-Magnetic available



mm (inches)

For Part Number Code, see page 8.



**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:

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