

VAR SERIES - 0.01% ULTRA HIGH PRECISION Z-FOIL AUDIO RESISTOR 4 WATT

Features:

- Operating temperature: -55°C to +125°C
- Minimizes noise and distortion in the signal path.
- The Z-Foil chip in the VAR has been especially treated to increase load life stability.
- Non-inductive, non-capacitive design



| DIMENSIONS: in. (mm) | | DIMENSIONS: in. (mm) | |
|----------------------|---------------|----------------------|-------------|
| | | INCHES | MILLIMETERS |
| W | 0.080 max. | 2.03 max. | |
| L | 0.250 max. | 6.35 max. | |
| H | 0.310 max. | 7.87 max. | |
| LL | 1.000 ± 0.125 | 25.4 ± 3.18 | |
| LS | 0.150 ± 0.005 | 3.81 ± 0.13 | |

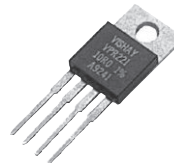
For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Vishay Part No. | Value Ω | Price Each | |
|----------------------------------|-----------------|---------|------------|-------|
| | | | 1 | 5 |
| 71-VART100R000TB | Y0706100R000T9L | 100 | 14.90 | 13.10 |
| 71-VART1K00000TB | Y07061K00000T9L | 1K | 14.21 | 11.39 |
| 71-VART10K0000TB | Y070610K0000T9L | 10K | 14.21 | 11.39 |

VPR221 SERIES 0.01% PRECISION FOIL POWER RESISTORS 8 WATT

Features:

- Operating temperature: -55°C to +125°C
- Bulk Metal® Foil Technology
- 4 lead Kelvin connect device
- High stability
- Low TCR



DIMENSIONS: in. (mm)

| DIMENSIONS: in. (mm) | | INCHES | MILLIMETERS |
|----------------------|---------------|-------------|-------------|
| W | 0.105 ± 0.010 | 2.67 ± 0.25 | |
| L | 0.300 ± 0.010 | 7.62 ± 0.25 | |
| H | 0.326 ± 0.010 | 8.28 ± 0.25 | |
| LS | 0.200 ± 0.005 | 5.08 ± 0.13 | |

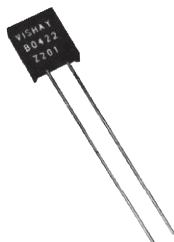
For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Vishay Part No. | Value Ω | Price Each | |
|-------------------------------------|-----------------|---------|------------|-------|
| | | | 1 | 5 |
| 71-VPR221T1R0000FB | Y09261R00000F9L | 1 | 19.57 | 18.15 |
| 71-VPR221T10R0000TB | Y092610R0000T9L | 10 | 21.69 | 19.28 |

Z201 SERIES 0.1% AND .005% ULTRA HIGH PRECISION Z-FOIL RESISTOR WITH TCR 6 WATT

Features:

- Operating Temperature: -55°C to +125°C
- Non-inductive, non-capacitive design
- Drop in replacement for S102C/K
- 0.150" Lead space
- Tolerance: .01 and .005%



Applications:

- Precision amplifiers, high precision instrumentation, medical and automatic test equipment.
- Laboratory, audio
- Down-hole (high temperature)

DIMENSIONS: in. (mm)

| DIMENSIONS: in. (mm) | | INCHES | MILLIMETERS |
|----------------------|---------------|-------------|-------------|
| W | 0.105 ± 0.010 | 2.67 ± 0.25 | |
| L | 0.300 ± 0.010 | 7.62 ± 0.25 | |
| H | 0.326 ± 0.010 | 8.28 ± 0.25 | |
| LS | 0.200 ± 0.005 | 5.08 ± 0.13 | |

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Vishay Part No. | Value Ω | Price Each | |
|----------------------------------|-----------------|---------|------------|-------|
| | | | 1 | 5 |
| 71-Z201T100R00VB | Y1453100R000V9L | 100 | 27.15 | 24.37 |
| 71-Z201T1K0000TB | Y14531K00000T9L | 1K | 19.42 | 18.26 |
| 71-Z201T10K000VB | Y145310K0000V9L | 10K | 27.15 | 24.37 |

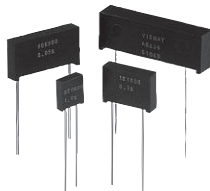
For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Vishay Part No. | Value Ω | Price Each | |
|----------------------------------|-----------------|---------|------------|-------|
| | | | 1 | 5 |
| 71-Z201T500R00VB | Y1453500R000V9L | 500 | 27.15 | 24.37 |
| 71-Z201T5K0000VB | Y14535K00000V9L | 5K | 27.15 | 24.37 |
| 71-Z201T20K000VB | Y145320K0000V9L | 20K | 27.10 | 25.62 |

S SERIES 0.01% HIGH PRECISION THROUGH HOLE FOIL RESISTOR 6 WATT

Features:

- Operating Temperature: -55°C to +125°C
- Excellent load life stability
- Tight tolerance
- Fast response time
- Low current noise
- Low thermal EMF



| MODEL NUMBER | MAXIMUM WORKING VOLTAGE | DIMENSIONS | |
|--------------|-------------------------|--|---|
| | | in. | mm. |
| (S102J)(2) | 300 | W: 0.105 ± 0.010 L: 0.300 ± 0.010 H: 0.326 ± 0.010 | W: 2.67 ± 0.025 L: 7.62 ± 0.025 H: 8.28 ± 0.025 |
| S102K | 300 | W: 0.105 ± 0.010 L: 0.300 ± 0.010 H: 0.326 ± 0.010 | W: 2.67 ± 0.025 L: 7.62 ± 0.025 H: 8.28 ± 0.025 |

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Vishay Part No. | Value Ω | Price Each | |
|-----------------------------------|-----------------|---------|------------|-------|
| | | | 1 | 5 |
| 71-S102JT100R00TB | Y0785100R000T9L | 100 | 14.90 | 12.15 |
| 71-S102JT1K0000TB | Y07851K00000T9L | 1K | 14.90 | 12.15 |
| 71-S102KT1K0000TB | Y00621K00000T9L | 1K | 15.60 | 14.63 |
| 71-S102JT10K000TB | Y078510K0000T9L | 10K | 14.90 | 12.15 |
| 71-S102KT10K000TB | Y006210K0000T9L | 10K | 15.60 | 14.63 |

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Vishay Part No. | Value Ω | Price Each | |
|-----------------------------------|-----------------|---------|------------|-------|
| | | | 1 | 5 |
| 71-S102CT120R00TB | Y0007120R000T9L | 120 | 13.10 | 12.14 |
| 71-S102CT350R00TB | Y0007350R000T9L | 350 | 13.56 | 12.20 |
| 71-S102JT500R00TB | Y0785500R000T9L | 500 | 13.56 | 13.10 |
| 71-S102KT100K00TB | Y0062100K000T9L | 100K | 24.09 | 21.94 |