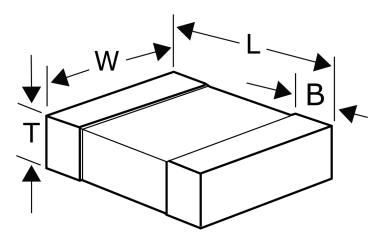


VE0603K300R030

VE, Varistors, Low Voltage High Temperature, 38 V, 30 VAC, 47 V, 79 V, 1 A, 30 A, 100 mJ, 3000 uW



| General Information |                              |
|---------------------|------------------------------|
| Series              | VE                           |
| Туре                | Varistors                    |
| Style               | SMD Chip                     |
| Description         | Surface Mount Varistors      |
| Features            | Low Voltage High Temperature |
| Termination         | Nickel Tin                   |
| RoHS                | Yes                          |
| Qualifications      | IEC, UL, AEC-Q200            |
| AEC-Q200            | Yes                          |

| Specifications            | ,                      |
|---------------------------|------------------------|
| Voltage DC                | 38 VDC (25C)           |
| Voltage AC                | 30 VAC                 |
| Temperature Range         | -55/+150°C             |
| Storage Temperature Range | -55/+150°C             |
| Varistor Voltage          | 47 VDC at 1 mA         |
| Clamping Voltage          | 79 V                   |
| Clamping Current          | 1 A (8/20 us MAX)      |
| Surge Current             | 30 A (8/20 us MAX)     |
| Energy                    | 0.1 J (10/1000 us MAX) |
| Capacitance               | 160 pf (1kHz)          |

Click here for the 3D model.

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 0603            |
| L          | 1.6mm +/-0.2mm  |
| W          | 0.8mm +/-0.1mm  |
| Т          | 0.95mm          |
| В          | 0.5mm +/-0.25mm |

## Packaging Specifications

| Packaging          | T&R  |
|--------------------|------|
| Packaging Quantity | 3500 |

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