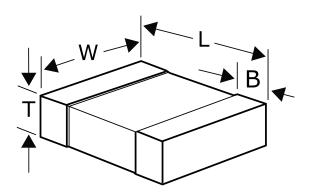
## KEMET Part Number: VE1206K121R040



## Varistors, VE, Low Voltage High Temperature, 56 V, 40 VAC, 68 V, 112 V, 1 Amps, 120 Amps, 800 mJ, 8000 uW



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

| Dimensions |                 |
|------------|-----------------|
| Chip Size  | 1206            |
| L          | 3.2mm +/-0.3mm  |
| W          | 1.6mm +/-0.2mm  |
| T          | 1.25mm MAX      |
| В          | 0.5mm +/-0.25mm |

| Specifications             |                        |
|----------------------------|------------------------|
| Voltage DC:                | 56 VDC (25C)           |
| Voltage AC:                | 40 VAC                 |
| Temperature Range:         | -55/+150C              |
| Storage Temperature Range: | -55/+150C              |
| Varistor Voltage:          | 68 VDC at 1 mAmps      |
| Clamping Voltage:          | 112 V                  |
| Clamping Current:          | 1 Amps (8/20 us MAX)   |
| Surge Current:             | 120 Amps (8/20 us MAX) |
| Energy:                    | 0.8 J (10/1000 us MAX) |
| Capacitance:               | 370 pf (1kHz)          |

| Packaging Specifications |      |
|--------------------------|------|
| Packaging:               | T&R  |
| Packaging Quantity:      | 2500 |

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