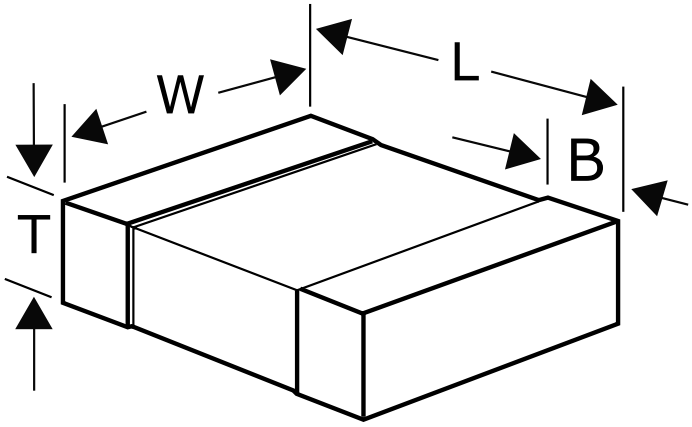
# VC0603K300R025

KEMET, VC, Varistors, Commercial Grade, 31 V, 25 VAC, 65 V, 1 A, 30 A, 100 mJ




Click here for the 3D model.

| General Information | |
|---|---|
| Supplier | KEMET |
| Series | VC |
| Type | Varistors |
| Style | SMD Chip |
| Description | Surface Mount Varistors |
| Features | Low Voltage |
| Termination | Nickel Tin |
| RoHS | With Exemptions |
| Qualifications | IEC, AEC-Q200 |

| Dimensions | |
|---|---|
| L | 1.6mm +/-0.2mm |
| W | 0.8mm +/-0.1mm |
| T | 0.95mm MAX |
| B | 0.5mm +/-0.25mm |
| Case Code (EIA / mm) | 0603 / 1608 |

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

| Specifications | |
|---|---|
| Voltage DC | 31 VDC (25C) |
| Voltage AC | 25 VAC |
| Temperature Range | -55/+125°C |
| Storage Temperature Range | -55/+150°C |
| Varistor Voltage | 39 VDC at 1 mA |
| Varistor Volt. @ 1 mA | 39 VDC |
| Clamping Voltage | 65 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) |
| Power | 0.003 W (MAX) |
| Capacitance | 165 pF (1kHz) |

Statements of suitability for certain applications are based on our knowledge of typical operating conditions for such applications, but are not intended to constitute - and we specifically disclaim - any warranty concerning suitability for a specific customer application or use. This Information is intended for use only by customers who have the requisite experience and capability to determine the correct products for their application. Any technical advice inferred from this Information or otherwise provided by us with reference to the use of our products is given gratis, and we assume no obligation or liability for the advice given or results obtained.



© 2006 - 2026 YAGEO