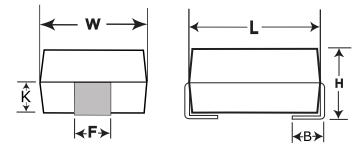


VP3225K401R175

KEMET, VP, Varistors, Commercial Grade, 225 V, 175 VAC, 455 V, 5 A, 400 A, 9.5 J $\,$



| General Information | |
|---------------------|-------------------------|
| Supplier | KEMET |
| Series | VP |
| Туре | Varistors |
| Style | SMD Molded |
| Description | Surface Mount Varistors |
| Features | Plastic Encapsulated |
| Termination | Nickel Tin |
| RoHS | With Exemptions |
| Qualifications | UL |
| AEC-Q200 | No |

Click here for the 3D model.

| Dimensions | |
|------------|----------------|
| Chip Size | 3225 |
| L | 8mm +/-0.5mm |
| W | 6.3mm +/-0.4mm |
| н | 4.7mm +/-0.3mm |
| F | 3mm +/-0.3mm |
| В | 1.5mm +/-0.3mm |
| К | 2.3mm +/-0.3mm |

Packaging Specifications

| Packaging | T&R |
|--------------------|------|
| Packaging Quantity | 1000 |

| Specifications | |
|---------------------------|------------------------|
| Voltage DC | 225 VDC (25C) |
| Voltage AC | 175 VAC |
| Temperature Range | -40/+85°C |
| Storage Temperature Range | -40/+125°C |
| Varistor Voltage | 270 VDC at 1 mA |
| Clamping Voltage | 455 V |
| Clamping Current | 5 A (8/20 us MAX) |
| Surge Current | 400 A (8/20 us MAX) |
| Energy | 9.5 J (10/1000 us MAX) |
| Power | 0.1 W (MAX) |
| Capacitance | 120 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.