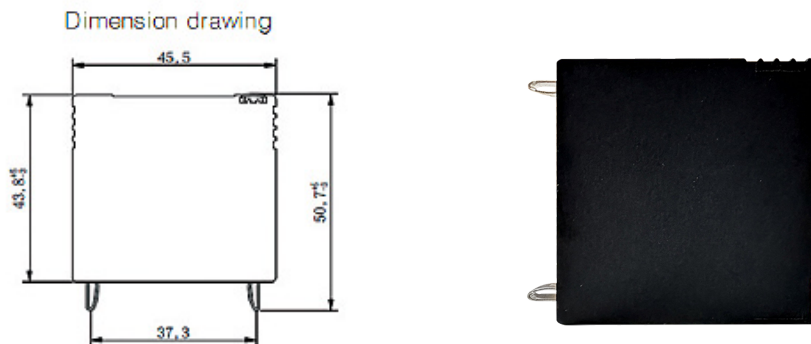




Metal Oxide Varistor Module DZ009



Technical data

| | |
|---|-----------------|
| Part No. | Varistor |
| Code | DZ009 |
| Max. Allowable voltage (VAC/VDC) | 275/370 |
| Nominal discharge current(8/20) In | 20kA |
| Max. peak current (8/20) I _{max} | 50kA |
| Clamping voltage @U _p | <1.4kV |
| Response time | ≤25 ns |
| Operating temperature range | - 40°C ~ + 80°C |

| Model Number | Maximum Allowable Voltage | | Varistor Voltage | Clamping Voltage (Max.) | | Maximum Peak Current (8/20μs) | | Maximum Energy (JOULE) | Typical Capacitance (Reference) |
|--------------|---------------------------|--------|------------------|-------------------------|--------|-------------------------------|-------------|------------------------|---------------------------------|
| | Acrms (V) | DC (V) | V1mA (V) | VC (V) | IP (A) | 1 Time (A) | 2 Times (A) | 10/1000 μs | @1KHZ (pf) |
| | | | | | | | | | |
| 40V130 | 130 | 170 | 200(185-225) | 340 | 300 | 40000 | 30000 | 310 | 6800 |
| 40V140 | 140 | 180 | 220(198-242) | 360 | 300 | 40000 | 30000 | 330 | 6200 |
| 40V150 | 150 | 200 | 240(216-264) | 395 | 300 | 40000 | 30000 | 360 | 5700 |
| 40V175 | 175 | 225 | 270(243-297) | 455 | 300 | 40000 | 30000 | 390 | 5000 |
| 40V210 | 210 | 275 | 330(297-363) | 550 | 300 | 40000 | 30000 | 410 | 4100 |
| 40V230 | 230 | 300 | 360(324-396) | 595 | 300 | 40000 | 30000 | 460 | 3800 |
| 40V250 | 250 | 320 | 390(351-429) | 650 | 300 | 40000 | 30000 | 490 | 3500 |
| 40V275 | 275 | 350 | 430(387-473) | 710 | 300 | 40000 | 30000 | 550 | 3200 |
| 40V300 | 300 | 385 | 470(423-517) | 775 | 300 | 40000 | 30000 | 600 | 2900 |
| 40V320 | 320 | 415 | 510(459-561) | 845 | 300 | 40000 | 30000 | 640 | 2700 |
| 40V350 | 350 | 460 | 560(504-616) | 920 | 300 | 40000 | 30000 | 710 | 2400 |
| 40V385 | 385 | 505 | 620(558-682) | 1025 | 300 | 40000 | 30000 | 800 | 2200 |
| 40V420 | 420 | 560 | 680(612-748) | 1120 | 300 | 40000 | 30000 | 910 | 2000 |
| 40V460 | 460 | 615 | 750(675-825) | 1240 | 300 | 40000 | 30000 | 980 | 1800 |
| 40V485 | 485 | 640 | 780(702-858) | 1290 | 300 | 40000 | 30000 | 1020 | 1750 |
| 40V510 | 510 | 670 | 820(738-902) | 1355 | 300 | 40000 | 30000 | 1100 | 1650 |
| 40V550 | 550 | 745 | 910(819-1001) | 1500 | 300 | 40000 | 30000 | 1150 | 1500 |
| 40V575 | 575 | 765 | 950(855-1045) | 1570 | 300 | 40000 | 30000 | 1200 | 1430 |
| 40V625 | 625 | 825 | 1000(900-1100) | 1650 | 300 | 40000 | 30000 | 1250 | 1360 |
| 40V680 | 680 | 895 | 1100(990-1210) | 1815 | 300 | 40000 | 30000 | 1350 | 1250 |
| 40V750 | 750 | 970 | 1200(1062-1300) | 2000 | 300 | 40000 | 30000 | 1400 | 1200 |
| 40V880 | 880 | 1150 | 1400(1245-1520) | 2290 | 300 | 40000 | 30000 | 1450 | 1100 |
| 40V1000 | 1000 | 1200 | 1600(1414-1728) | 2550 | 300 | 40000 | 30000 | 1500 | 1000 |

note: subject to change without any notice, JDA pay no responsibility