# STANDARD SERIES

**MAIDA STYLE NUMBER** D56ZOV750RA0R6 **MAIDA ITEM NUMBER** 01-0002

VARISTOR SPEC SHEET

## Electrical Specifications

| | | |
|---|---|---|
| Continuous AC Voltage | 75 | VAC |
| Continuous DC Voltage | 102 | VDC |
| Maximum DC Leakage @ 102 VDC | 200 | uA |
| Low Varistor Voltage Limit | 108 | VDC |
| High Varistor Voltage Limit | 132 | VDC |
| Nominal Varistor Voltage | 120 | VDC |
| Current for Varistor Voltage | 1 | mA |
| Maximum Clamp Voltage | 220 | V |
| Maximum Clamp Voltage Test Current | 2 | A |
| Peak Current Rating (1 Pulse) | 100 | A |
| Peak Current Rating (2 Pulse) | 50 | A |
| Energy Rating (8X20us) | 0.6 | J |
| Energy Rating (10X1000us) | 0.6 | J |
| Typical Capacitance | 77 | pF |
| Impulse Response Time | < 50 | ns |
| Minimum Hipot of Coating | 2500 | VDC |
| Minimum I.R. of Coating | 1000 | MΩ |
| Current/Energy Derating Above 85℃ | -2.5 | %/℃ |

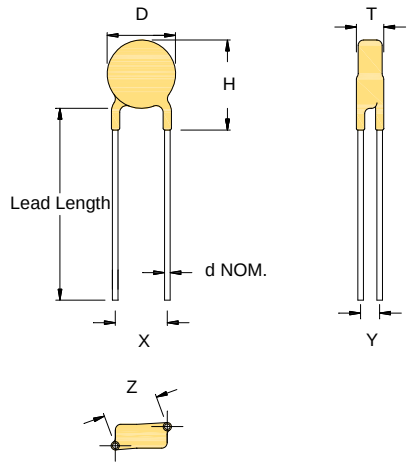
## Thermal Specifications

| | | |
|---|---|---|
| Minimum Operating Temperature | -40 | ℃ |
| Maximum Operating Temperature | 85 | ℃ |
| Varistor Voltage Temperature Coeff | -0.05 | %/℃ |
| Minimum Storage Temperature | -50 | ℃ |
| Maximum Storage Temperature | 125 | ℃ |
| Recommended Solder Temperature | 260 | ℃ |
| Recommended Reflow Temperature | 260 | ℃ |

## Notes

## Physical Specifications

| | | |
|---|---|---|
| Lead Style | 005M2 | |
| X Nominal | 0.16 | in. |
| X Tolerance | 0.04 | in. |
| Y Nominal | 0.048 | in. |
| Y Tolerance | 0.03 | in. |
| Z Nominal | 0.167 | in. |
| Z Tolerance | 0.04 | in. |
| Lead Length Nominal | 1.00 | in. |
| Lead Length Tolerance | min. | in. |
| d Nominal | 0.02 | in. |
| Wire Gauge | 24 | AWG |
| Minimum Marking | Z75 | |
| Nominal Disk Size | 3 | mm |
| D Maximum | 0.197 | in. |
| T Maximum | 0.184 | in. |
| H Maximum | 0.322 | in. |
| Coating Type | EPOXY | |




* Contact Maida for a more detailed configuration drawing.

## Safety Agency Recognitions

UL 1449 File Number

- Tested to Type:

C-UL File Number

CSA File Number

VDE File Number

SEV File Number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