


**Leaded varistors**
**B722\***
**Standard series**
**Electrical specifications and ordering codes**
**Maximum ratings ( $T_A = 105\text{ }^\circ\text{C}$ )**

| Ordering code                              | Type<br>(untaped)<br>SIOV- | $V_{RMS}$<br>V | $V_{DC}$<br>V | $i_{max}$<br>(8/20 $\mu\text{s}$ )<br>A | $W_{max}$<br>(2 ms)<br>J | $P_{max}$<br>W |
|--|----------------------------|----------------|---------------|---|--------------------------|----------------|
| <b><math>V_{RMS} = 115\text{ V}</math></b> |                            |                |               |   |                          |                |
| B72205S0111K101                            | S05K115                    | 115            | 150           | 400                                     | 3.6                      | 0.10           |
| B72207S0111K101                            | S07K115                    | 115            | 150           | 1200                                    | 8.4                      | 0.25           |
| B72210S0111K101                            | S10K115                    | 115            | 150           | 2500                                    | 18.0                     | 0.40           |
| B72214S0111K101                            | S14K115                    | 115            | 150           | 4500                                    | 30.0                     | 0.60           |
| B72220S0111K101                            | S20K115                    | 115            | 150           | 6500                                    | 60.0                     | 1.00           |
| <b><math>V_{RMS} = 130\text{ V}</math></b> |                            |                |               |   |                          |                |
| B72205S0131K101                            | S05K130                    | 130            | 170           | 400                                     | 4.2                      | 0.10           |
| B72207S0131K101                            | S07K130                    | 130            | 170           | 1200                                    | 9.5                      | 0.25           |
| B72210S0131K101                            | S10K130                    | 130            | 170           | 2500                                    | 19.0                     | 0.40           |
| B72214S0131K101                            | S14K130                    | 130            | 170           | 4500                                    | 34.0                     | 0.60           |
| <b>B72220S0131K101</b>                     | <b>S20K130</b>             | <b>130</b>     | <b>170</b>    | <b>8000</b>                             | <b>74.0</b>              | <b>1.00</b>    |
| <b><math>V_{RMS} = 140\text{ V}</math></b> |                            |                |               |   |                          |                |
| B72205S0141K101                            | S05K140                    | 140            | 180           | 400                                     | 4.5                      | 0.10           |
| B72207S0141K101                            | S07K140                    | 140            | 180           | 1200                                    | 10.0                     | 0.25           |
| B72210S0141K101                            | S10K140                    | 140            | 180           | 2500                                    | 22.0                     | 0.40           |
| B72214S0141K101                            | S14K140                    | 140            | 180           | 4500                                    | 36.0                     | 0.60           |
| B72220S0141K101                            | S20K140                    | 140            | 180           | 8000                                    | 78.0                     | 1.00           |
| <b><math>V_{RMS} = 150\text{ V}</math></b> |                            |                |               |   |                          |                |
| B72205S0151K101                            | S05K150                    | 150            | 200           | 400                                     | 4.9                      | 0.10           |
| B72207S0151K101                            | S07K150                    | 150            | 200           | 1200                                    | 11.0                     | 0.25           |
| B72210S0151K101                            | S10K150                    | 150            | 200           | 2500                                    | 24.0                     | 0.40           |
| B72214S0151K101                            | S14K150                    | 150            | 200           | 4500                                    | 40.0                     | 0.60           |
| B72220S0151K101                            | S20K150                    | 150            | 200           | 8000                                    | 85.0                     | 1.00           |
| <b><math>V_{RMS} = 175\text{ V}</math></b> |                            |                |               |   |                          |                |
| B72205S0171K101                            | S05K175                    | 175            | 225           | 400                                     | 5.6                      | 0.10           |
| B72207S0171K101                            | S07K175                    | 175            | 225           | 1200                                    | 13.0                     | 0.25           |
| B72210S0171K101                            | S10K175                    | 175            | 225           | 2500                                    | 28.0                     | 0.40           |
| B72214S0171K101                            | S14K175                    | 175            | 225           | 4500                                    | 46.0                     | 0.60           |
| B72220S0171K101                            | S20K175                    | 175            | 225           | 8000                                    | 98.0                     | 1.00           |
| <b><math>V_{RMS} = 230\text{ V}</math></b> |                            |                |               |   |                          |                |
| B72205S0231K101                            | S05K230                    | 230            | 300           | 400                                     | 7.2                      | 0.10           |
| B72207S0231K101                            | S07K230                    | 230            | 300           | 1200                                    | 17.0                     | 0.25           |
| B72210S0231K101                            | S10K230                    | 230            | 300           | 2500                                    | 36.0                     | 0.40           |
| B72214S0231K101                            | S14K230                    | 230            | 300           | 4500                                    | 60.0                     | 0.60           |
| B72220S0231K101                            | S20K230                    | 230            | 300           | 8000                                    | 130.0                    | 1.00           |