


Dimensional drawings


1) Seating plane to IEC 60717

VAR0408-C-E

Weight

Nominal diameter mm	V_{RMS} V	Weight g
5	11 ... 460	0.3 ... 0.7
7	11 ... 460	0.4 ... 1.1
10	11 ... 680	1.0 ... 3.0
14	11 ... 1000	1.4 ... 7.6
20	11 ... 1000	2.7 ... 15.7

The weight of varistors in between these voltage classes can be interpolated.

Dimensions

Ordering code	[e] ±1 mm	a ±1 mm	w _{max} mm	th _{max} mm	h _{max} mm	l _{min} mm	d ±0.05 mm
$V_{RMS} = 11 V$							
B72205S0110K101	5.0	1.2	7.0	3.3	8.5	25.0	0.6
B72207S0110K101	5.0	1.2	9.0	3.4	11.0	25.0	0.6
B72210S0110K101	7.5	1.4	12.0	4.0	14.5	25.0	0.8
B72214S0110K101	7.5	1.4	15.5	4.0	18.5	25.0	0.8
B72220S0110K101	10.0	1.5	21.5	4.5	25.5	25.0	1.0
$V_{RMS} = 14 V$							
B72205S0140K101	5.0	1.3	7.0	3.4	8.5	25.0	0.6
B72207S0140K101	5.0	1.3	9.0	3.5	11.0	25.0	0.6
B72210S0140K101	7.5	1.5	12.0	4.2	14.5	25.0	0.8
B72214S0140K101	7.5	1.5	15.5	4.2	18.5	25.0	0.8
B72220S0140K101	10.0	1.6	21.5	4.6	25.5	25.0	1.0
$V_{RMS} = 17 V$							
B72205S0170K101	5.0	1.4	7.0	3.5	8.5	25.0	0.6
B72207S0170K101	5.0	1.4	9.0	3.6	11.0	25.0	0.6
B72210S0170K101	7.5	1.6	12.0	4.4	14.5	25.0	0.8
B72214S0170K101	7.5	1.7	15.5	4.4	18.5	25.0	0.8
B72220S0170K101	10.0	1.8	21.5	4.8	25.5	25.0	1.0
$V_{RMS} = 20 V$							
B72205S0200K101	5.0	1.2	7.0	3.5	8.5	25.0	0.6
B72207S0200K101	5.0	1.2	9.0	3.6	11.0	25.0	0.6
B72210S0200K101	7.5	1.8	12.0	4.5	14.5	25.0	0.8
B72214S0200K101	7.5	1.9	15.5	4.6	18.5	25.0	0.8
B72220S0200K101	10.0	2.1	21.5	5.1	25.5	25.0	1.0


Leaded varistors
B722*
StandarD series

Ordering code	[e] ±1 mm	a ±1 mm	W _{max} mm	th _{max} mm	h _{max} mm	l _{min} mm	d ±0.05 mm
V_{RMS} = 25 V							
B72205S0250K101	5.0	1.3	7.0	3.6	8.5	25.0	0.6
B72207S0250K101	5.0	1.3	9.0	3.7	11.0	25.0	0.6
B72210S0250K101	7.5	1.6	12.0	4.2	14.5	25.0	0.8
B72214S0250K101	7.5	1.7	15.5	4.2	18.5	25.0	0.8
B72220S0250K101	10.0	1.8	21.5	4.7	25.5	25.0	1.0
V_{RMS} = 30 V							
B72205S0300K101	5.0	1.5	7.0	3.6	8.5	25.0	0.6
B72207S0300K101	5.0	1.5	9.0	3.7	11.0	25.0	0.6
B72210S0300K101	7.5	1.7	12.0	4.4	14.5	25.0	0.8
B72214S0300K101	7.5	1.8	15.5	4.4	18.5	25.0	0.8
B72220S0300K101	10.0	2.0	21.5	4.9	25.5	25.0	1.0
V_{RMS} = 35 V							
B72205S0350K101	5.0	1.6	7.0	3.7	8.5	25.0	0.6
B72207S0350K101	5.0	1.6	9.0	3.9	11.0	25.0	0.6
B72210S0350K101	7.5	1.8	12.0	4.4	14.5	25.0	0.8
B72214S0350K101	7.5	2.0	15.5	4.5	18.5	25.0	0.8
B72220S0350K101	10.0	2.2	21.5	5.1	25.5	25.0	1.0
V_{RMS} = 40 V							
B72205S0400K101	5.0	1.8	7.0	3.9	8.5	25.0	0.6
B72207S0400K101	5.0	1.8	9.0	4.1	11.0	25.0	0.6
B72210S0400K101	7.5	2.1	12.0	4.8	14.5	25.0	0.8
B72214S0400K101	7.5	2.2	15.5	4.9	18.5	25.0	0.8
B72220S0400K101	10.0	2.4	21.5	5.4	25.5	25.0	1.0
V_{RMS} = 50 V							
B72205S0500K101	5.0	1.2	7.0	3.3	8.5	25.0	0.6
B72207S0500K101	5.0	1.2	9.0	3.3	11.0	25.0	0.6
B72210S0500K101	7.5	1.4	12.0	3.9	14.5	25.0	0.8
B72214S0500K101	7.5	1.4	15.5	3.9	18.5	25.0	0.8
B72220S0500K101	10.0	1.5	21.5	4.3	25.5	25.0	1.0
V_{RMS} = 60 V							
B72205S0600K101	5.0	1.2	7.0	3.3	8.5	25.0	0.6
B72207S0600K101	5.0	1.2	9.0	3.3	11.0	25.0	0.6
B72210S0600K101	7.5	1.4	12.0	4.0	14.5	25.0	0.8
B72214S0600K101	7.5	1.5	15.5	4.0	18.5	25.0	0.8
B72220S0600K101	10.0	1.6	21.5	4.4	25.5	25.0	1.0
V_{RMS} = 75 V							
B72205S0750K101	5.0	1.3	7.0	3.4	8.5	25.0	0.6
B72207S0750K101	5.0	1.3	9.0	3.6	11.0	25.0	0.6
B72210S0750K101	7.5	1.5	12.0	4.2	14.5	25.0	0.8
B72214S0750K101	7.5	1.5	15.5	4.2	18.5	25.0	0.8
B72220S0750K101	10.0	1.6	21.5	4.6	25.5	25.0	1.0


Leaded varistors
B722*
Standard series

Ordering code	[e] ±1 mm	a ±1 mm	w _{max} mm	th _{max} mm	h _{max} mm	l _{min} mm	d ±0.05 mm
V_{RMS} = 95 V							
B72205S0950K101	5.0	1.3	7.0	3.4	8.5	25.0	0.6
B72207S0950K101	5.0	1.3	9.0	3.4	11.0	25.0	0.6
B72210S0950K101	7.5	1.5	12.0	4.0	14.5	25.0	0.8
B72214S0950K101	7.5	1.5	15.5	4.0	18.5	25.0	0.8
B72220S0950K101	10.0	1.6	21.5	4.5	25.5	25.0	1.0
V_{RMS} = 115 V							
B72205S0111K101	5.0	1.5	7.0	3.6	8.5	25.0	0.6
B72207S0111K101	5.0	1.5	9.0	3.6	11.0	25.0	0.6
B72210S0111K101	7.5	1.6	12.0	4.2	14.5	25.0	0.8
B72214S0111K101	7.5	1.7	15.5	4.2	18.5	25.0	0.8
B72220S0111K101	10.0	1.8	21.5	4.6	25.5	25.0	1.0
V_{RMS} = 130 V							
B72205S0131K101	5.0	1.6	7.0	3.6	8.5	25.0	0.6
B72207S0131K101	5.0	1.6	9.0	3.6	11.0	25.0	0.6
B72210S0131K101	7.5	1.8	12.0	4.2	14.5	25.0	0.8
B72214S0131K101	7.5	1.9	15.5	4.2	18.5	25.0	0.8
B72220S0131K101	10.0	2.0	21.5	4.7	25.5	25.0	1.0
V_{RMS} = 140 V							
B72205S0141K101	5.0	1.7	7.0	3.7	8.5	25.0	0.6
B72207S0141K101	5.0	1.7	9.0	3.7	11.0	25.0	0.6
B72210S0141K101	7.5	1.9	12.0	4.3	14.5	25.0	0.8
B72214S0141K101	7.5	2.0	15.5	4.3	18.5	25.0	0.8
B72220S0141K101	10.0	2.1	21.5	4.8	25.5	25.0	1.0
V_{RMS} = 150 V							
B72205S0151K101	5.0	1.8	7.0	3.8	8.5	25.0	0.6
B72207S0151K101	5.0	1.8	9.0	3.8	11.0	25.0	0.6
B72210S0151K101	7.5	2.0	12.0	4.4	14.5	25.0	0.8
B72214S0151K101	7.5	2.1	15.5	4.4	18.5	25.0	0.8
B72220S0151K101	10.0	2.2	21.5	4.9	25.5	25.0	1.0
V_{RMS} = 175 V							
B72205S0171K101	5.0	2.0	7.0	3.9	8.5	25.0	0.6
B72207S0171K101	5.0	2.0	9.0	4.0	11.0	25.0	0.6
B72210S0171K101	7.5	2.2	12.0	4.6	14.5	25.0	0.8
B72214S0171K101	7.5	2.2	15.5	4.6	18.5	25.0	0.8
B72220S0171K101	10.0	2.3	21.5	5.0	25.5	25.0	1.0
V_{RMS} = 230 V							
B72205S0231K101	5.0	1.8	7.0	4.0	8.5	25.0	0.6
B72207S0231K101	5.0	1.8	9.0	4.0	11.0	25.0	0.6
B72210S0231K101	7.5	2.0	12.0	4.7	14.5	25.0	0.8
B72214S0231K101	7.5	2.0	15.5	4.7	18.5	25.0	0.8
B72220S0231K101	10.0	2.1	21.5	5.1	25.5	25.0	1.0


Leaded varistors
B722*
StandarD series

Ordering code	[e] ±1 mm	a ±1 mm	w _{max} mm	th _{max} mm	h _{max} mm	l _{min} mm	d ±0.05 mm
V_{RMS} = 250 V							
B72205S0251K101	5.0	1.8	7.0	4.2	8.5	25.0	0.6
B72207S0251K101	5.0	1.8	9.0	4.2	11.0	25.0	0.6
B72210S0251K101	7.5	2.0	12.0	4.8	14.5	25.0	0.8
B72214S0251K101	7.5	2.0	15.5	4.8	18.5	25.0	0.8
B72220S0251K101	10.0	2.2	21.5	5.3	25.5	25.0	1.0
V_{RMS} = 275 V							
B72205S0271K101	5.0	2.0	7.0	4.3	8.5	25.0	0.6
B72207S0271K101	5.0	2.0	9.0	4.4	11.0	25.0	0.6
B72210S0271K101	7.5	2.2	12.0	5.0	14.5	25.0	0.8
B72214S0271K101	7.5	2.2	15.5	5.0	18.5	25.0	0.8
B72220S0271K101	10.0	2.3	21.5	5.4	25.5	25.0	1.0
V_{RMS} = 300 V							
B72205S0301K101	5.0	2.1	7.0	4.5	8.5	25.0	0.6
B72207S0301K101	5.0	2.1	9.0	4.5	11.0	25.0	0.6
B72210S0301K101	7.5	2.3	12.0	5.1	14.5	25.0	0.8
B72214S0301K101	7.5	2.3	15.5	5.2	18.5	25.0	0.8
B72220S0301K101	10.0	2.4	21.5	5.6	25.5	25.0	1.0
V_{RMS} = 320 V							
B72205S0321K101	5.0	2.3	7.0	4.8	9.0	25.0	0.6
B72207S0321K101	5.0	2.3	9.0	4.8	11.5	25.0	0.6
B72210S0321K101	7.5	2.4	12.0	5.4	15.0	25.0	0.8
B72214S0321K101	7.5	2.4	15.5	5.4	19.0	25.0	0.8
B72220S0321K101	10.0	2.6	21.5	5.8	25.5	25.0	1.0
V_{RMS} = 385 V							
B72205S0381K101	5.0	2.5	7.0	5.1	9.0	25.0	0.6
B72207S0381K101	5.0	2.5	9.0	5.2	11.5	25.0	0.6
B72210S0381K101	7.5	2.7	12.0	5.8	15.0	25.0	0.8
B72214S0381K101	7.5	2.7	15.5	5.9	19.0	25.0	0.8
B72220S0381K101	10.0	2.8	21.5	6.3	26.0	25.0	1.0
V_{RMS} = 420 V							
B72205S0421K101	5.0	2.8	7.0	5.4	9.0	25.0	0.6
B72207S0421K101	5.0	2.8	9.0	5.4	11.5	25.0	0.6
B72210S0421K101	7.5	2.9	12.0	6.1	15.0	25.0	0.8
B72214S0421K101	7.5	2.9	15.5	6.1	19.0	25.0	0.8
B72220S0421K101	10.0	3.1	21.5	6.5	26.0	25.0	1.0
V_{RMS} = 440 V							
B72205S0441K101	5.0	2.8	7.0	5.5	9.0	25.0	0.6
B72207S0441K101	5.0	2.8	9.0	5.5	11.5	25.0	0.6
B72210S0441K101	7.5	3.0	12.0	6.2	15.0	25.0	0.8

Leaded varistors
B722*
Standard series


Ordering code	[e] ±1 mm	a ±1 mm	w _{max} mm	th _{max} mm	h _{max} mm	l _{min} mm	d ±0.05 mm
V_{RMS} = 440 V							
B72214S0441K101	7.5	3.0	15.5	6.3	19.0	25.0	0.8
B72220S0441K101	10.0	3.1	21.5	6.7	26.0	25.0	1.0
V_{RMS} = 460 V							
B72205S0461K101	5.0	3.0	7.0	5.7	9.0	25.0	0.6
B72207S0461K101	5.0	3.0	9.0	5.7	11.5	25.0	0.6
B72210S0461K101	7.5	3.1	12.0	6.3	15.0	25.0	0.8
B72214S0461K101	7.5	3.1	15.5	6.4	19.0	25.0	0.8
B72220S0461K101	10.0	3.3	21.5	6.8	26.0	25.0	1.0
V_{RMS} = 510 V							
B72210S0511K101	7.5	3.4	12.0	6.7	15.0	25.0	0.8
B72214S0511K101	7.5	3.4	15.5	6.8	19.0	25.0	0.8
B72220S0511K101	10.0	3.5	21.5	7.1	26.0	25.0	1.0
V_{RMS} = 550 V							
B72210S0551K101	7.5	3.7	12.0	7.1	15.0	25.0	0.8
B72214S0551K101	7.5	3.7	15.5	7.2	19.0	25.0	0.8
B72220S0551K101	10.0	3.9	21.5	7.5	26.0	25.0	1.0
V_{RMS} = 625 V							
B72210S0621K101	7.5	4.0	12.0	7.5	15.0	25.0	0.8
B72214S0621K101	7.5	4.0	15.5	7.5	19.0	25.0	0.8
B72220S0621K101	10.0	4.2	21.5	7.9	26.0	25.0	1.0
V_{RMS} = 680 V							
B72210S0681K101	7.5	4.4	12.0	7.9	15.0	25.0	0.8
B72214S0681K101	7.5	4.4	15.5	8.0	19.0	25.0	0.8
B72220S0681K101	10.0	4.5	21.5	8.4	26.0	25.0	1.0
V_{RMS} = 1100 V							
B72214S0102K101	7.5	6.7	15.5	11.0	20.5	25.0	0.8
B72220S0102K101	10.0	6.9	21.5	11.4	28.5	25.0	1.0