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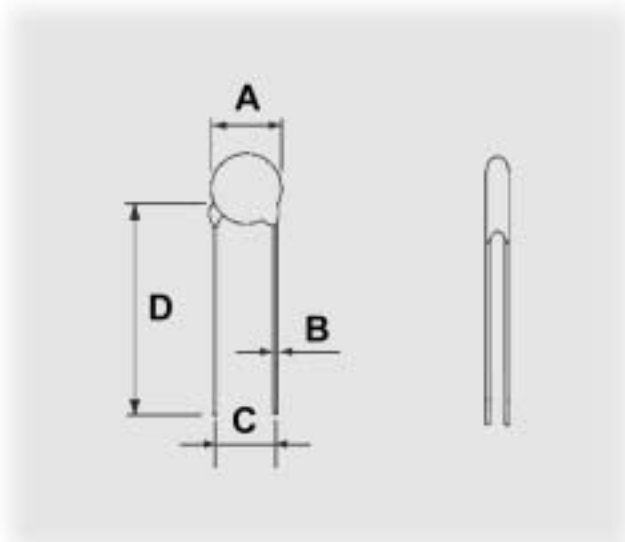
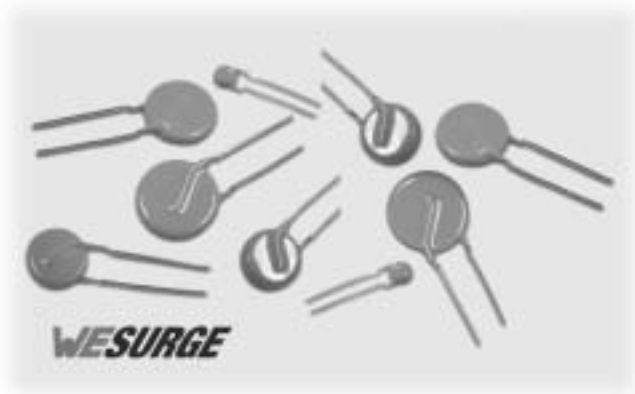
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NEW



WESURGE Disk Varistors WE-VD



Type	Order Code	A max. (mm)	B (mm) ± 0.05 mm	C (mm) ± 1.0 mm	D min (mm)
Ø 5 mm	820 x5...	7.5	0.6	5.0	25
Ø 7 mm	820 x7...	9.0	0.6	5.0	25
Ø 10 mm	820 x1...	12.5	0.8	7.5	25
Ø 14 mm	820 x4...	16.5	0.8	7.5	25
Ø 20 mm	820 x2...	23.0	1.0	10.0	25



- Fast response time
- Low leakage current
- Low clamping voltage
- Wide range of voltages available
- Almost no energy consumption in stand-by mode
- After a surge impulse the varistor works immediately in normal mode so there is no slip current
- Excellent absorption at surge impulses



- 12–48 V_{DC} distribution
- 110–400 V power supply



WESURGE Disk Varistors WE-VD

Diameter 5 mm

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Break-down Voltage V_{var}	Withstanding Surge Current @ 8/20 μ s (A)		Power (W)	Capacitance @ 1 kHz (pF)	Safety Approvals			Typical Applications	Qty. & Packaging
	V_{rms}	V_{DC}		V @	I (A)		1 surge	2 surges			UL	CSA	VDE		
820 55 250 1	25	31	1.2	86	1	39	100	50	0.01	830	X		X	24 V_{DC}	1500 T&R
820 55 400 1	40	56	2.1	150	1	68	100	50	0.01	500	X		X	48 V_{DC}	
820 55 131 1	130	170	7.1	355	5	200	400	200	0.10	135	X	X	X	PS 110 V	
820 55 381 1	385	505	20.5	1050	5	620	400	200	0.10	45	X	X	X		1000 T&R
820 45 381 1	385	505	27.0	1050	5	620	800	600	0.10	45	X	X	X		
820 55 461 1	460	615	22.5	1290	5	750	400	200	0.10	35	X	X	X	PS 400 V	

⚡ High-Surge Types

Diameter 7 mm

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Break-down Voltage V_{var}	Withstanding Surge Current @ 8/20 μ s (A)		Power (W)	Capacitance @ 1 kHz (pF)	Safety Approvals			Typical Applications	Qty. & Packaging
	V_{rms}	V_{DC}		V @	I (A)		1 surge	2 surges			UL	CSA	VDE		
820 57 140 6	14	18	1.4	43	2.5	22	250	125	0.02	2930	X		X	12 V_{DC}	1500 T&R
820 57 250 1	25	31	2.4	77	2.5	39	250	125	0.02	1820	X		X	24 V_{DC}	
820 57 400 1	40	56	4.3	135	2.5	68	250	125	0.02	1120	X		X	48 V_{DC}	
820 47 500 1	50	65	7.0	135	10	82	1750	1250	0.25	640	X		X	48 V_{DC}	
820 57 600 1	60	85	7.0	165	10	100	1200	600	0.25	540	X		X		
820 57 111 1	115	150	13.0	300	10	180	1200	600	0.25	220	X	X	X		
820 57 131 1	130	170	14.3	340	10	200	1200	600	0.25	210	X	X	X	PS 110 V	
820 47 151 1	150	200	21	395	10	240	1750	1250	0.25	180	X	X	X	PS 110 V	
820 57 251 1	250	320	30	650	10	390	1200	600	0.25	110	X	X	X		
820 57 271 1	275	350	33	710	10	430	1200	600	0.25	105	X	X	X	PS 230 V	1000 T&R
820 57 301 1	300	385	35	775	10	470	1200	600	0.25	100	X	X	X	PS 230 V	
820 57 421 1	420	560	43	1120	10	680	1200	600	0.25	78	X	X	X	PS 400 V	
820 47 421 1	420	560	56	1120	10	680	1750	1250	0.25	78	X	X	X		
820 57 461 1	460	615	45	1240	10	750	1200	600	0.25	75	X	X	X	PS 400 V	
820 47 461 1	460	615	58	1240	10	750	1750	1250	0.25	75	X	X	X	PS 400 V	

⚡ High-Surge Types



WESURGE Disk Varistors WE-VD

Diameter 10 mm

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Break-down Voltage V_{var}	Withstanding Surge Current @ 8/20 μ s (A)		Power (W)	Capacitance @ 1 kHz (pF)	Safety Approvals			Typical Applications	Qty. & Packaging
	V_{rms}	V_{DC}		V @	I (A)		1 surge	2 surges			UL	CSA	VDE		
820 51 200 1	20	26	4.4	65	5	33	500	250	0.05	4250	X		X	24 V_{DC}	1000 T&R
820 41 200 1	20	26	4.8	65	5	33	1000	500	0.05	4250	X		X	24 V_{DC}	
820 51 250 1	25	31	4.7	77	5	39	500	250	0.05	3660	X		X	24 V_{DC}	
820 51 300 1	30	38	6.0	93	5	47	500	250	0.05	3140	X		X		
820 51 131 1	130	170	28	340	25	200	2500	1250	0.4	410	X	X	X	PS 110 V	
820 51 231 1	230	300	52	595	25	360	2500	1250	0.4	230	X	X	X		
820 51 251 1	250	320	60	650	25	390	2500	1250	0.4	210	X	X	X	PS 230 V	750 T&R
820 41 251 1	250	320	70	650	25	390	3500	2500	0.4	210	X	X	X	PS 230 V	
820 51 271 1	275	350	66	710	25	430	2500	1250	0.4	190	X	X	X	PS 230 V	
820 41 271 1	275	350	80	710	25	430	3500	2500	0.4	190	X	X	X	PS 230 V	500 T&R
820 51 381 1	385	505	82	1025	25	620	2500	1250	0.4	140	X	X	X		
820 51 461 1	460	615	90	1240	25	750	2500	1250	0.4	120	X	X	X	PS 400 V	

⚡ High-Surge Types

Diameter 14 mm

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Break-down Voltage V_{var}	Withstanding Surge Current @ 8/20 μ s (A)		Power (W)	Capacitance @ 1 kHz (pF)	Safety Approvals			Typical Applications	Qty. & Packaging
	V_{rms}	V_{DC}		V @	I (A)		1 surge	2 surges			UL	CSA	VDE		
820 54 140 6	14	18	5.4	43	10	22	1000	500	0.1	11960	X		X	12 V_{DC}	750 T&R
820 54 250 1	25	31	9.4	77	10	39	1000	500	0.1	7620	X		X	24 V_{DC}	
820 54 300 1	30	38	12	93	10	47	1000	500	0.1	6420	X		X		
820 54 131 1	130	170	57	340	50	200	4500	2500	0.6	840	X	X	X	PS 110 V	
820 44 131 1	130	170	70	340	50	200	6000	4500	0.6	840	X	X	X	PS 110 V	
820 54 271 1	275	350	132	710	50	430	4500	2500	0.6	450	X	X	X	PS 230 V	
820 44 271 1	275	350	155	710	50	430	6000	4500	0.6	450	X	X	X	PS 230 V	500 T&R
820 54 301 1	300	385	140	775	50	470	4500	2500	0.6	420	X	X	X	PS 230 V	
820 54 421 1	420	560	172	1120	50	680	4500	2500	0.6	290	X	X	X		
820 44 421 1	420	560	225	1120	50	680	6000	4500	0.6	290	X	X	X		
820 54 461 1	460	615	180	1240	50	750	4500	2500	0.6	270	X	X	X	PS 400 V	500 T&R
820 44 461 1	460	615	230	1240	50	750	6000	4500	0.6	290	X	X	X	PS 400 V	
820 54 511 1	510	670	188	1355	50	820	4500	2500	0.6	250	X	X	X		

⚡ High-Surge Types

Diameter 20 mm

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Break-down Voltage V_{var}	Withstanding Surge Current @ 8/20 μ s (A)		Power (W)	Capacitance @ 1 kHz (pF)	Safety Approvals			Typical Applications	Qty. & Packaging
	V_{rms}	V_{DC}		V @	I (A)		1 surge	2 surges			UL	CSA	VDE		
820 52 300 6	30	38	17	93	20	47	2000	1000	0.2	12100	X		X		500 T&R
820 52 131 1	130	170	114	340	100	200	6500	4000	1.0	1830	X	X	X	PS 110 V	
820 52 251 1	250	320	240	650	100	390	6500	4000	1.0	980	x	X	X	PS 230 V	
820 52 271 1	275	350	264	710	100	430	6500	4000	1.0	860	X	X	X	PS 230 V	
820 42 271 1	275	350	303	710	100	430	10000	6500	1.0	860	X	X	X	PS 230 V	
820 52 321 1	320	418	296	842	100	510	6500	4000	1.0	760	X	X	X		
820 42 321 1	320	418	382	842	100	510	10000	6500	1.0	760	X	X	X		450 Bulk
820 52 421 1	420	560	344	1120	100	680	6500	4000	1.0	570	X	X	X		
820 52 461 1	460	615	360	1240	100	750	6500	4000	1.0	520	X	X	X	PS 400 V	

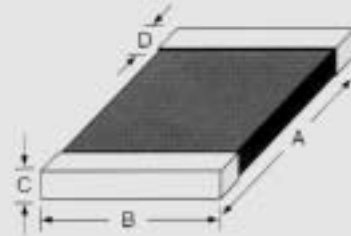
⚡ High-Surge Types



NEW



WESURGE SMD Power Varistors WE-VS



Type	A (mm)	B (mm)	C (mm)	D (mm)
0402	1.0 ± 0.15	0.5 ± 0.1	0.6 max	0.25 ± 0.15
0603	1.6 ± 0.2	0.8 ± 0.2	0.9 max	0.3 ± 0.2
0805	2.0 ± 0.2	1.25 ± 0.2	1.2 max	0.3 ± 0.2
1206	3.2 ± 0.2	1.6 ± 0.2	1.5 max	0.5 ± 0.2
1210	3.2 ± 0.2	2.5 ± 0.2	1.5 max	0.5 ± 0.2
1812	4.5 ± 0.2	3.2 ± 0.2	2.0 max	$0.5 +0.3/-0.1$
2220	5.7 ± 0.2	5.0 ± 0.2	2.5 max	$0.5 +0.3/-0.1$



- Fast response time
- Low leakage current
- Low clamping voltage
- Wide range of voltages available
- Almost no energy consumption in stand-by mode
- After a surge impulse the varistor works immediately in normal mode so there is no slip current
- Excellent absorption at surge impulses



- Protection of DC distribution
- Protection of power supply
- Protection of bus systems and communication lines
- Limiting of over-voltages
- Protection of semiconductors



WESURGE SMD Power Varistors WE-VS

Size 0402

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Breakdown Voltage V_{var}	With-standing Surge Current @ 8/20 μ s (A)	Capa-citance @ 1kHz (pF)	typical Application	Qty.
	V_{rms}	V_{DC}		V @	I (A)					
825 37 259	2.5	3.3	0.04	10	1	5.5	20	180	μ C	10000
825 37 040	4	5.5	0.04	16	1	8	20	220	μ C	
825 57 060	6	9	0.05	20	1	12	20	190		
825 37 070	7	9	0.05	30	1	12.5	20	120		
825 37 110	11	14	0.02	30	1	18	20	70	12 V_{DC}	
825 57 140	14	18	0.05	40	1	24	20	93	12 V/15 V_{DC}	

Size 0603

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Breakdown Voltage V_{var}	With-standing Surge Current @ 8/20 μ s (A)	Capa-citance @ 1kHz (pF)	typical Application	Qty.
	V_{rms}	V_{DC}		V @	I (A)					
825 36 259	2.5	3.3	0.1	10	1	5.5	30	180	μ C	4000
825 36 040	4	5.5	0.1	16	1	8	30	200	μ C	
825 56 060	6	9	0.1	20	1	12	30	680		
825 36 070	7	9	0.1	30	1	13.5	30	200		
825 36 110	11	14	0.1	30	1	18	30	100	12 V_{DC}	
825 56 140	14	18	0.1	40	1	24	30	270	12 V/15 V_{DC}	
825 36 140	14	18	0.1	45	1	25	30	100	12 V/15 V_{DC}	
825 56 170	17	22	0.1	45	1	27	30	235		
825 56 200	20	26	0.1	54	1	33	30	200	24 V_{DC}	
825 56 300	30	38	0.1	77	1	47	30	100		

Size 0805

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Breakdown Voltage V_{var}	With-standing Surge Current @ 8/20 μ s (A)	Capa-citance @ 1kHz (pF)	typical Application	Qty.
	V_{rms}	V_{DC}		V @	I (A)					
825 50 040	4	5.5	0.1	16	1	8	80	1600	μ C	3000
825 50 060	6	9	0.1	20	1	12	80	1180		
825 50 110	11	14	0.1	30	1	18	100	750	12 V_{DC}	
825 50 140	14	18	0.2	40	1	24	100	550	12 V/15 V_{DC}	
825 50 200	20	26	0.3	54	1	33	100	350	24 V_{DC}	
825 50 250	25	30	0.3	65	1	39	100	310	24 V_{DC}	
825 50 300	30	38	0.3	77	1	47	100	280		
825 50 350	35	45	0.3	90	1	56	80	195		



WESURGE SMD Power Varistors WE-VS

Size 1206

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Breakdown Voltage V_{var}	With-standing Surge Current @ 8/20 μ s (A)	Capacitance @ 1kHz (pF)	typical Application	Qty.
	V_{rms}	V_{DC}		V @	I (A)					
825 31 040	4	5.5	0.4	16	1	8	100	3600	μ C	4000
⚡ 825 41 110	11	14	0.5	35	1	18	200	1500	12 V_{DC}	3000
825 31 140	14	18	0.4	35	1	22	150	1800	12 V/15 V_{DC}	4000
⚡ 825 51 140	14	18	0.3	40	1	24	100	900	12 V/15 V_{DC}	3000
⚡ 825 41 140	14	18	0.5	45	1	24	200	1160	12 V/15 V_{DC}	
825 51 200	20	26	0.5	54	1	33	100	490	24 V_{DC}	
825 51 250	25	30	0.6	65	1	39	100	440	24 V_{DC}	
⚡ 825 41 250	25	30	1.0	72	1	39	200	620	24 V_{DC}	
⚡ 825 51 300	30	38	0.7	77	1	47	100	400		
⚡ 825 41 300	30	38	1.1	85	1	47	200	550		
⚡ 825 41 350	35	45	1.1	100	1	56	200	400		
825 31 400	40	56	1.0	110	1	70	100	180	48 V_{DC}	4000

⚡ High-Surge Types

Size 1210

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Breakdown Voltage V_{var}	With-standing Surge Current @ 8/20 μ s (A)	Capacitance @ 1kHz (pF)	typical Application	Qty.
	V_{rms}	V_{DC}		V @	I (A)					
825 53 040	4	5.5	0.4	16	2.5	8	250	6200	μ C	2000
⚡ 825 43 140	14	18	1.4	45	2.5	24	400	2380	12 V/15 V_{DC}	
⚡ 825 43 200	20	26	1.9	60	2.5	33	400	1400	24 V_{DC}	
⚡ 825 43 300	30	38	2.0	85	2.5	47	400	1000		
825 53 400	40	56	2.3	110	2.5	68	250	390	48 V_{DC}	

⚡ High-Surge Types

Size 1812

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Breakdown Voltage V_{var}	With-standing Surge Current @ 8/20 μ s (A)	Capacitance @ 1kHz (pF)	typical Application	Qty.
	V_{rms}	V_{DC}		V @	I (A)					
825 55 140	14	18	1.7	40	5	24	500	3930	12 V/15 V_{DC}	1000
⚡ 825 45 250	25	30	3.7	72	5	39	800	2950	24 V_{DC}	
⚡ 825 45 300	30	38	4.2	85	5	47	800	2550		

⚡ High-Surge Types



WESURGE SMD Power Varistors WE-VS

Size 2220

Order Code	max. Operating Voltage		Energy @ 10/1000 μ s (J)	max. Clamping Voltage		Varistor Breakdown Voltage V_{var}	With-standing Surge Current @ 8/20 μ s (A)	Capacitance @ 1kHz (pF)	typical Application	Qty.
	V_{rms}	V_{DC}		V @	I (A)					
⚡ 825 42 140	14	18	5.8	45	10	24	1200	13600	12 V/15 V_{DC}	1000
⚡ 825 42 250	25	30	9.6	72	10	39	1200	8900	24 V_{DC}	
⚡ 825 42 300	30	38	12.0	85	10	47	1200	5700		
⚡ 825 42 350	35	45	12.0	100	10	56	1200	4800		

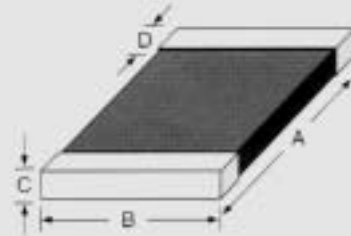
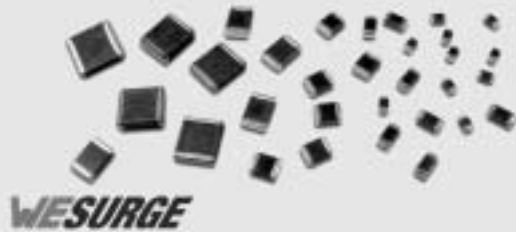
⚡ High-Surge Types



NEW



WESURGE ESD Suppressors WE-VE



Type	A (mm)	B (mm)	C (mm)	D (mm)
0402	1.0 ± 0.15	0.5 ± 0.1	0.6 max	0.25 ± 0.15
0603	1.6 ± 0.2	0.8 ± 0.2	0.9 max	0.3 ± 0.2
0805	2.0 ± 0.2	1.25 ± 0.2	1.2 max	0.3 ± 0.2



- Fast response time
- Nearly no leakage current
- Low clamping voltage
- Almost no energy consumption in stand-by mode
- Excellent absorption for ESD-impulses
- Designed to meet the EN 61000-4-2 standard



- Protection of data lines
- Protection of bus systems
- Protection of semiconductors



WESURGE ESD Suppressors WE-VE

Size 0402

Order Code	max. Operating Voltage V_{DC}	Capacitance @ 1 MHz (pF)	max. Clamping Voltage 1A @ 8/20 μ s (V)	max. Leakage Current (μ A)	Insulation Resistance (M Ω)	typical Application	Qty.
823 57 050 220	5	22	34	0.1	10	RS 232 & IrDA 1.0	10000
823 57 050 330	5	33	34			Data low speed & Analogic line	
823 57 050 560	5	56	34			Audio I/O low voltage	
823 57 120 050	12	5	80			CAN high-Speed, USB	
823 57 120 100	12	10	60			CAN Low-Speed	
823 57 240 030	24	5	200			CAN high-speed & USB	

Size 0603

Order Code	max. Operating Voltage V_{DC}	Capacitance @ 1 MHz (pF)	max. Clamping Voltage 1A @ 8/20 μ s (V)	max. Leakage Current (μ A)	Insulation Resistance (M Ω)	typical Application	Qty.
823 56 050 050	5	5	34	0.1	10	Bus Data & USB	4000
823 56 050 220	5	22	34			RS 232 & IrDA 1.0	
823 56 050 101	5	100	30			Sensors & Audio	
823 56 120 100	12	10	60			CAN Low-Speed	
823 56 240 030	24	5	200			CAN high-speed	

Size 0805

Order Code	max. Operating Voltage V_{DC}	Capacitance @ 1 MHz (pF)	max. Clamping Voltage 1A @ 8/20 μ s (V)	max. Leakage Current (μ A)	Insulation Resistance (M Ω)	typical Application	Qty.
823 50 120 560	12	56	40	0.1	10	Audio I/O low voltage	3000



WESURGE ESD Suppressors WE-VE

Ultra Low Cap

Size 0402

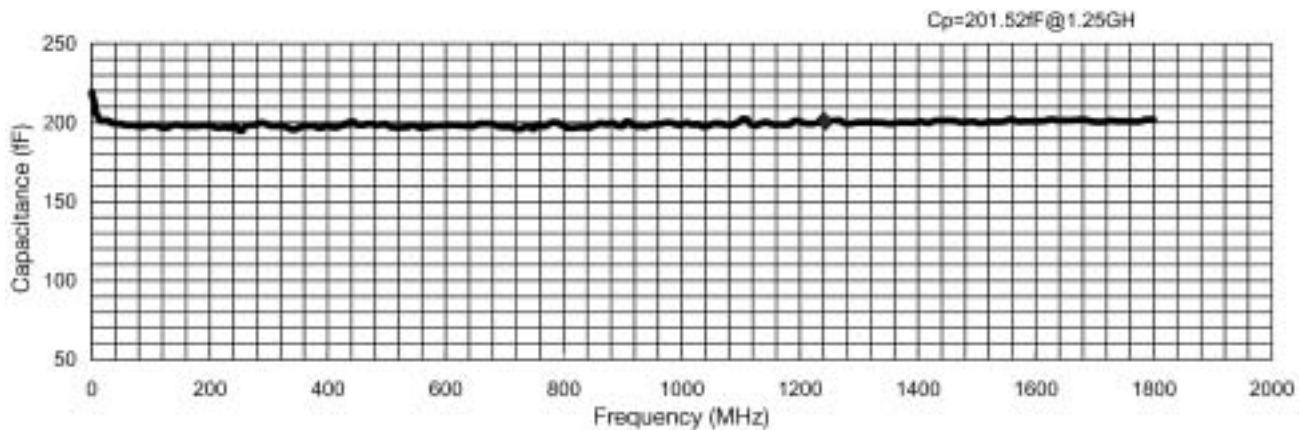
Order Code	max. Operating Voltage V_{DC}	Capacitance @ 1 MHz (pF)	max. Clamping Voltage 8A @ 30 kV (V)	Trigger Voltage (V)	max. Leakage Current (μ A)	Insulation Resistance (M Ω)	typical Application	Qty.
823 07 050 029	5	0.2	30	100	0.1	10	USB 2.0, HDMI, DVI, Ethernet, Antenna	10000

max. clamping voltage is measured 30 ns after initiation of EN 61000-4-2 pulse; contact discharge mode

Size 0603

Order Code	max. Operating Voltage V_{DC}	Capacitance @ 1 MHz (pF)	max. Clamping Voltage 8A @ 30 kV (V)	Trigger Voltage (V)	max. Leakage Current (μ A)	Insulation Resistance (M Ω)	typical Application	Qty.
823 06 050 029	5	0.2	30	150	0.1	10	USB 2.0, HDMI, DVI, Ethernet, Antenna	5000
823 06 120 029	12	0.2	30	150	0.1	10	CAN high-speed & Video	

max. clamping voltage is measured 30 ns after initiation of EN 61000-4-2 pulse; contact discharge mode

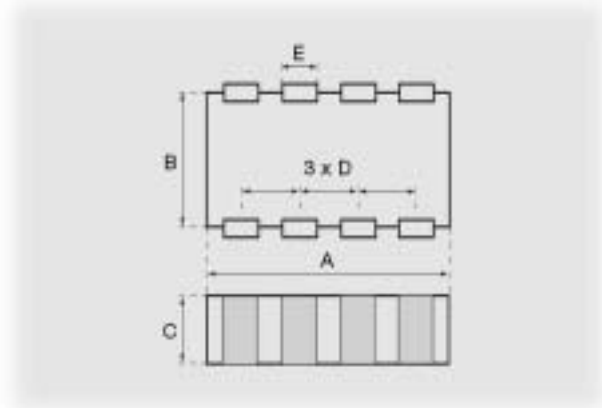
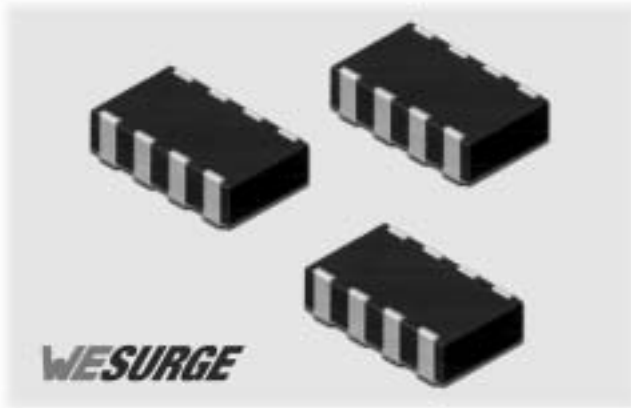




NEW



WESURGE ESD Suppressor-Array WE-VEA



Type	A (mm)	B (mm)	C (mm)	D (mm)	E (mm)
0508	2.0 ± 0.15	1.2 ± 0.1	0.7 ± 0.1	0.5 ± 0.2	0.25 ± 0.1
0612	3.2 ± 0.2	1.6 ± 0.2	0.5 ± 0.1	0.8 ± 0.2	0.4 ± 0.2



- Fast response time (1 ns)
- Low signal insertion loss
- Nearly no leakage current
- Low clamping voltage
- Almost no energy consumption in stand-by mode
- Excellent absorption for ESD-impulses
- Designed to meet the EN 61000-4-2 standard



- Protection of data lines
- Protection of bus systems
- Protection of video transmission lines
- Protection of semiconductors

Size 0508

Order Code	max. Operating Voltage	Capacitance @ 1 MHz	max. Clamping Voltage 1A @ 8/20 μ s	max. Leakage Current	Insulation Resistance	typical Application	Qty.
	V_{DC}	(pF)	(V)	(μ A)	(M Ω)		
823 80 050 100	5	10	60	0.1	10	Data low speed & Analogic line	4000

Ultra Low Cap Array

Size 0612

Order Code	max. Operating Voltage	Capacitance @ 1 MHz	max. Clamping Voltage 8A @ 30 kV	Trigger Voltage	max. Leakage Current	Insulation Resistance	typical Application	Qty.
	V_{DC}	(pF)	(V)	(V)	(μ A)	(M Ω)		
823 81 120 029	12	0.2	30	150	0.1	10	HDMI, DVI, USB 2.0	5000

NEW

max. clamping voltage is measured 30 ns after initiation of EN 61000-4-2 pulse; contact discharge mode



NEW



Design Kit Disk Varistors WE-VD



- Order Code 820 999



- Fast response time
- Low leakage current
- Low clamping voltage
- Almost no energy consumption in stand-by mode
- After a surge impulse the varistor works immediately in normal mode so there is no slip current
- Excellent absorption at surge impulses



- Protection of DC distribution
- Protection of power supply
- Protection of bus systems and communication lines
- Limiting of over-voltages
- Protection of semiconductors

Order Code	Size (mm)	max. Operating Voltage		Qty.
		(V _{rms})	(V _{DC})	
820 55 250 1	5	25	31	20
820 55 400 1	5	40	56	20
820 55 131 1	5	130	170	20
820 57 131 1	7	130	170	20
820 57 271 1	7	275	350	20
820 57 461 1	7	460	615	20
820 51 131 1	10	130	170	20
820 41 271 1	10	275	350	20
820 51 461 1	10	460	615	20
820 44 131 1	14	130	170	10
820 54 271 1	14	275	350	10
820 54 461 1	14	460	615	10
820 52 131 1	20	130	170	10
820 52 271 1	20	275	350	10
820 52 461 1	20	460	615	10



NEW



Design Kit of SMD & ESD Varistors



- Order Code 825 999



- Very fast response time
- Nearly no leakage current
- Low clamping voltage
- Almost no energy consumption in stand-by mode
- Excellent absorption for ESD-impulses
- Designed to meet the EN 61000-4-2 standard



- Protection of DC distribution
- Protection of power supply
- Protection of bus systems and communication lines
- Limiting of over-voltages
- Protection of semiconductors

Order Code	Size (mm)	max. Operating Voltage		Qty.
		(V _{rms})	(V _{DC})	
SMD Power Varistors				
82537259	0402	2.5	3.3	60
82537040	0402	4	5.5	60
82557060	0402	6	9	60
82537070	0402	7	9	60
82537110	0402	11	14	60
82557140	0402	14	18	60
82536259	0603	2.5	3.3	30
82536040	0603	4	5.5	30
82556060	0603	6	9	30
82536070	0603	7	9	30
82536110	0603	11	14	30
82536140	0603	14	18	30
82556140	0603	14	18	30
82556170	0603	17	22	30
82556200	0603	20	26	30
82556300	0603	30	38	30
82550040	0805	4	5.5	30
82550060	0805	6	9	30
82550140	0805	14	18	30
82550200	0805	20	26	30
82550250	0805	25	30	30
82550300	0805	30	38	30
82550350	0805	35	45	30
82531040	1206	4	5.5	30
82541110	1206	11	14	30
82531140	1206	14	18	30
82551140	1206	14	18	30
82551200	1206	20	26	30
82541250	1206	25	30	30
82541300	1206	30	38	30
82551300	1206	30	38	30
82531400	1206	40	56	30
82553040	1210	4	5.5	30
82543140	1210	14	18	30
82555140	1812	14	18	15
82545250	1812	25	30	15
82545300	1812	30	38	15
82542140	2220	14	18	15
82542300	2220	30	38	15

Order Code	Size	max. Operating Voltage (V _{rms})	Capacitance (pF)	Qty.
82307050029	0402	5	0.2	60
82357050220	0402	5	22	60
82357050330	0402	5	33	60
82357050560	0402	5	56	60
82357120050	0402	12	5	60
82357120100	0402	12	10	60
82357240030	0402	24	3	60
82306050029	0603	5	0.2	30
82356050050	0603	5	5	30
82356050220	0603	5	22	30
82356050101	0603	5	100	30
82306120029	0603	12	0.2	30
82356120100	0603	12	10	30
82356240030	0603	24	3	30
82350120560	0805	12	56	30
ESD Suppressor Array				
82380050100	0508	5	10	30



Notes: