

VZCA2.E525338 – Surge-protective Devices – Component

Surge-protective Devices – Component

Liown Semiconductor Co Ltd
Liown Semiconductor Industrial Park
Yuhuan, ZHEJIANG China

E525338

Cat. No.	SPD Type	Volts (V)	AC/DC/ PH	AMPS (A)	AMB		VPR (Vpk)	MLV (Vpk)	MCOV (V)	Vn (Vdc)	In (kA)	SCCR (kA)	Notes		
					Min (° C)	Max (° C)									
101KD05	5	60	AC	1	n/a	-40	85	Ld-Ld	-	225	60	100	0.1	n/a	1, 5a
101KD07	5	60	AC	1	n/a	-40	125	Ld-Ld	-	240	60	100	0.25	n/a	1, 5a
101KD10	5	60	AC	1	n/a	-40	125	Ld-Ld	-	280	60	100	1	n/a	1, 5a
101KD14	5	60	AC	1	n/a	-40	125	Ld-Ld	-	290	60	100	2	n/a	1, 5a
101KD20	5	60	AC	1	n/a	-40	125	Ld-Ld	-	260	60	100	2.5	n/a	1, 5a
102KD10	5	625	AC	1	n/a	-40	125	Ld-Ld	-	2190	625	1000	1.5	n/a	1, 5a
102KD14	5	625	AC	1	n/a	-40	125	Ld-Ld	-	2030	625	1000	3	n/a	1, 5a
102KD20	5	625	AC	1	n/a	-40	125	Ld-Ld	-	2360	625	1000	5	n/a	1, 5a
102KD32	5	625	AC	1	n/a	-40	85	Ld-Ld	-	3140	625	1000	10	n/a	1, 5a
102KS34	5	625	AC	1	N/A	-40	85	Ld-Ld	-	2510	625	1000	20	N/A	1, 5a
112KD10	5	680	AC	1	n/a	-40	125	Ld-Ld	-	2380	680	1120	1.5	n/a	1, 5a
112KD14	5	680	AC	1	n/a	-40	125	Ld-Ld	-	2600	680	1100	3	n/a	1, 5a
112KD20	5	680	AC	1	n/a	-40	125	Ld-Ld	-	2560	680	1120	5	n/a	1, 5a
112KD32	5	680	AC	1	n/a	-40	85	Ld-Ld	-	3400	680	1100	10	n/a	1, 5a

112KS34	5	680	AC	1	N/A	-40	85	Ld-Ld	-	2720	680	1100	20	N/A	1, 5a
121KD05	5	75	AC	1	n/a	-40	85	Ld-Ld	-	270	75	120	0.1	n/a	1, 5a
121KD07	5	75	AC	1	n/a	-40	125	Ld-Ld	-	290	75	120	0.25	n/a	1, 5a
121KD10	5	75	AC	1	n/a	-40	125	Ld-Ld	-	320	75	120	1	n/a	1, 5a
121KD14	5	75	AC	1	n/a	-40	125	Ld-Ld	-	330	75	120	2	n/a	1, 5a
121KD20	5	75	AC	1	n/a	-40	125	Ld-Ld	-	290	75	120	2.5	n/a	1, 5a
121KS34	5	75	AC	1	N/A	-40	85	Ld-Ld	-	360	75	120	20	N/A	1, 5a
122KS34	5	750	AC	1	N/A	-40	85	Ld-Ld	-	3000	750	1200	20	N/A	1, 5a
151KD05	5	95	AC	1	n/a	-40	85	Ld-Ld	-	315	95	150	0.1	n/a	1, 5a
151KD07	5	95	AC	1	n/a	-40	125	Ld-Ld	-	360	95	150	0.25	n/a	1, 5a
151KD10	5	95	AC	1	n/a	-40	125	Ld-Ld	-	370	95	150	1	n/a	1, 5a
151KD14	5	95	AC	1	n/a	-40	125	Ld-Ld	-	380	95	150	2	n/a	1, 5a
151KD20	5	95	AC	1	n/a	-40	125	Ld-Ld	-	340	95	150	2.5	n/a	1, 5a
151KS34	5	95	AC	1	N/A	-40	85	Ld-Ld	-	440	95	150	20	N/A	1, 5a
152KD14	5	900	AC	1	n/a	-40	85	Ld-Ld	-	3270	900	1500	3	n/a	1, 5a
152KD20	5	900	AC	1	n/a	-40	85	Ld-Ld	-	3050	900	1500	3	n/a	1, 5a
152KD32	5	900	AC	1	n/a	-40	85	Ld-Ld	-	3660	900	1500	10	n/a	1, 5a
180LD05	5	10	AC	1	n/a	-40	85	Ld-Ld	-	60	11	18	0.05	n/a	1, 5a
180LD07	5	10	AC	1	n/a	-40	85	Ld-Ld	-	60	11	18	0.1	n/a	1, 5a
180LD10	5	10	AC	1	n/a	-40	85	Ld-Ld	-	70	11	18	0.1	n/a	1, 5a
180LD14	5	10	AC	1	n/a	-40	85	Ld-Ld	-	80	11	18	0.5	n/a	1, 5a

180LD20	5	10	AC	1	n/a	-40	85	Ld-Ld	-	90	11	18	1	n/a	1, 5a
181KD05	5	115	AC	1	n/a	-40	85	Ld-Ld	-	360	115	180	0.1	n/a	1, 5a
181KD07	5	115	AC	1	n/a	-40	125	Ld-Ld	-	430	115	180	0.25	n/a	1, 5a
181KD10	5	115	AC	1	n/a	-40	125	Ld-Ld	-	420	115	180	1	n/a	1, 5a
181KD14	5	115	AC	1	n/a	-40	125	Ld-Ld	-	430	115	180	2	n/a	1, 5a
181KD20	5	115	AC	1	n/a	-40	125	Ld-Ld	-	380	115	180	2.5	n/a	1, 5a
181KS34	5	115	AC	1	N/A	-40	85	Ld-Ld	-	520	115	180	20	N/A	1, 5a
182KD14	5	1000	AC	1	n/a	-40	85	Ld-Ld	-	4000	1000	1800	3	n/a	1, 5a
182KD20	5	1000	AC	1	n/a	-40	85	Ld-Ld	-	3590	1000	1800	3	n/a	1, 5a
182KD32	5	1000	AC	1	n/a	-40	85	Ld-Ld	-	3930	1000	1800	10	n/a	1, 5a
201KD05	5	130	AC	1	n/a	-40	85	Ld-Ld	-	400	130	200	0.15	n/a	1, 5a
201KD07	5	130	AC	1	n/a	-40	125	Ld-Ld	-	480	130	200	0.5	n/a	1, 5a
201KD10	5	130	AC	1	n/a	-40	125	Ld-Ld	-	500	130	200	1.5	n/a	1, 5a
201KD14	5	130	AC	1	n/a	-40	125	Ld-Ld	-	510	130	200	3	n/a	1, 5a
201KD20	5	130	AC	1	n/a	-40	125	Ld-Ld	-	500	130	200	5	n/a	1, 5a
201KD25	5	130	AC	1	n/a	-40	85	Ld-Ld	-	480	130	200	10	n/a	1, 5a
201KD32	5	130	AC	1	n/a	-40	85	Ld-Ld	-	560	130	210	10	n/a	1, 5a
201KS34	5	130	AC	1	N/A	-40	85	Ld-Ld	-	570	130	205	20	N/A	1, 5a
220KD05	5	14	AC	1	n/a	-40	85	Ld-Ld	-	80	14	22	0.05	n/a	1, 5a
220KD07	5	14	AC	1	n/a	-40	85	Ld-Ld	-	80	14	22	0.1	n/a	1, 5a
220KD10	5	14	AC	1	n/a	-40	85	Ld-Ld	-	85	14	22	0.1	n/a	1, 5a

220KD14	5	14	AC	1	n/a	-40	85	Ld-Ld	-	95	14	22	0.5	n/a	1, 5a
220KD20	5	14	AC	1	n/a	-40	85	Ld-Ld	-	105	14	22	1	n/a	1, 5a
221KD05	5	140	AC	1	n/a	-40	85	Ld-Ld	-	455	140	220	0.15	n/a	1, 5a
221KD07	5	140	AC	1	n/a	-40	125	Ld-Ld	-	510	140	220	0.5	n/a	1, 5a
221KD10	5	140	AC	1	n/a	-40	125	Ld-Ld	-	530	140	220	1.5	n/a	1, 5a
221KD14	5	140	AC	1	n/a	-40	125	Ld-Ld	-	550	140	220	3	n/a	1, 5a
221KD20	5	140	AC	1	n/a	-40	125	Ld-Ld	-	540	140	220	5	n/a	1, 5a
221KD25	5	140	AC	1	n/a	-40	85	Ld-Ld	-	535	140	220	10	n/a	1, 5a
221KD32	5	140	AC	1	n/a	-40	85	Ld-Ld	-	630	140	220	10	n/a	1, 5a
221KS34	5	140	AC	1	N/A	-40	85	Ld-Ld	-	610	140	220	20	N/A	1, 5a
241KD05	5	150	AC	1	n/a	-40	85	Ld-Ld	-	510	150	240	0.15	n/a	1, 5a
241KD07	5	150	AC	1	n/a	-40	125	Ld-Ld	-	550	150	240	0.5	n/a	1, 5a
241KD10	5	150	AC	1	n/a	-40	125	Ld-Ld	-	570	150	240	1.5	n/a	1, 5a
241KD14	5	150	AC	1	n/a	-40	125	Ld-Ld	-	590	150	240	3	n/a	1, 5a
241KD20	5	150	AC	1	n/a	-40	125	Ld-Ld	-	580	150	257	5	n/a	1, 5a
241KD32	5	150	AC	1	n/a	-40	85	Ld-Ld	-	700	150	240	10	n/a	1, 5a
241KS34	5	150	AC	1	N/A	-40	85	Ld-Ld	-	650	150	240	20	N/A	1, 5a
24KD25	5	150	AC	1	n/a	-40	85	Ld-Ld	-	590	150	240	10	n/a	1, 5a
270KD05	5	17	AC	1	n/a	-40	85	Ld-Ld	-	100	17	27	0.05	n/a	1, 5a
270KD07	5	17	AC	1	n/a	-40	85	Ld-Ld	-	100	17	27	0.1	n/a	1, 5a
270KD10	5	17	AC	1	n/a	-40	85	Ld-Ld	-	100	17	27	0.1	n/a	1, 5a

270KD14	5	17	AC	1	n/a	-40	85	Ld-Ld	-	110	17	27	0.5	n/a	1, 5a
270KD20	5	17	AC	1	n/a	-40	85	Ld-Ld	-	120	17	27	1	n/a	1, 5a
271KD05	5	175	AC	1	n/a	-40	85	Ld-Ld	-	565	175	270	0.15	n/a	1, 5a
271KD07	5	175	AC	1	n/a	-40	125	Ld-Ld	-	630	175	270	0.5	n/a	1, 5a
271KD10	5	175	AC	1	n/a	-40	125	Ld-Ld	-	650	175	270	1.5	n/a	1, 5a
271KD14	5	175	AC	1	n/a	-40	125	Ld-Ld	-	690	150	240	3	n/a	1, 5a
271KD20	5	175	AC	1	n/a	-40	125	Ld-Ld	-	680	175	270	5	n/a	1, 5a
271KD25	5	175	AC	1	n/a	-40	85	Ld-Ld	-	645	175	270	10	n/a	1, 5a
271KD32	5	175	AC	1	n/a	-40	85	Ld-Ld	-	770	175	270	10	n/a	1, 5a
271KS34	5	175	AC	1	N/A	-40	85	Ld-Ld	-	740	175	270	20	N/A	1, 5a
301KD05	5	190	AC	1	n/a	-40	85	Ld-Ld	-	620	190	300	0.15	n/a	1, 5a
301KD07	5	190	AC	1	n/a	-40	125	Ld-Ld	-	690	190	300	0.5	n/a	1, 5a
301KD10	5	190	AC	1	n/a	-40	125	Ld-Ld	-	710	190	300	1.5	n/a	1, 5a
301KD14	5	190	AC	1	n/a	-40	125	Ld-Ld	-	750	190	300	3	n/a	1, 5a
301KD20	5	190	AC	1	n/a	-40	125	Ld-Ld	-	740	190	300	5	n/a	1, 5a
301KD25	5	190	AC	1	n/a	-40	85	Ld-Ld	-	700	190	300	10	n/a	1, 5a
301KD32	5	190	AC	1	n/a	-40	85	Ld-Ld	-	840	190	300	10	n/a	1, 5a
330KD05	5	20	AC	1	n/a	-40	85	Ld-Ld	-	120	20	33	0.05	n/a	1, 5a
330KD07	5	20	AC	1	n/a	-40	85	Ld-Ld	-	120	20	33	0.1	n/a	1, 5a
330KD10	5	20	AC	1	n/a	-40	85	Ld-Ld	-	115	20	33	0.1	n/a	1, 5a
330KD14	5	20	AC	1	n/a	-40	85	Ld-Ld	-	125	20	33	0.5	n/a	1, 5a

330KD20	5	20	AC	1	n/a	-40	85	Ld-Ld	-	135	20	33	1	n/a	1, 5a
331KD05	5	210	AC	1	n/a	-40	85	Ld-Ld	-	675	210	330	0.15	n/a	1, 5a
331KD07	5	210	AC	1	n/a	-40	125	Ld-Ld	-	750	210	330	0.5	n/a	1, 5a
331KD10	5	210	AC	1	n/a	-40	125	Ld-Ld	-	770	210	330	1.5	n/a	1, 5a
331KD14	5	210	AC	1	n/a	-40	125	Ld-Ld	-	820	210	330	3	n/a	1, 5a
331KD20	5	210	AC	1	n/a	-40	125	Ld-Ld	-	810	210	330	5	n/a	1, 5a
331KD25	5	215	AC	1	n/a	-40	85	Ld-Ld	-	755	215	330	10	n/a	1, 5a
331KD32	5	210	AC	1	n/a	-40	85	Ld-Ld	-	910	210	330	10	n/a	1, 5a
331KS34	5	210	AC	1	N/A	-40	85	Ld-Ld	-	870	210	330	20	N/A	1, 5a
34S660	5	660	AC	1	N/A	-40	85	Ld-Ld	-	2640	660	1050	20	N/A	1, 5a
361KD05	5	230	AC	1	n/a	-40	85	Ld-Ld	-	730	230	360	0.15	n/a	1, 5a
361KD07	5	230	AC	1	n/a	-40	125	Ld-Ld	-	820	230	360	0.5	n/a	1, 5a
361KD10	5	230	AC	1	n/a	-40	125	Ld-Ld	-	840	230	360	1.5	n/a	1, 5a
361KD14	5	230	AC	1	n/a	-40	125	Ld-Ld	-	900	230	360	3	n/a	1, 5a
361KD20	5	230	AC	1	n/a	-40	125	Ld-Ld	-	890	230	360	5	n/a	1, 5a
361KD25	5	230	AC	1	n/a	-40	85	Ld-Ld	-	815	230	360	10	n/a	1, 5a
361KD32	5	230	AC	1	n/a	-40	85	Ld-Ld	-	985	230	360	10	n/a	1, 5a
361KS34	5	230	AC	1	N/A	-40	85	Ld-Ld	-	940	230	360	20	N/A	1, 5a
390KD05	5	25	AC	1	n/a	-40	85	Ld-Ld	-	140	25	39	0.05	n/a	1, 5a
390KD07	5	25	AC	1	n/a	-40	85	Ld-Ld	-	140	25	39	0.1	n/a	1, 5a
390KD10	5	25	AC	1	n/a	-40	85	Ld-Ld	-	135	25	39	0.1	n/a	1, 5a

390KD14	5	25	AC	1	n/a	-40	85	Ld-Ld	-	140	25	39	0.5	n/a	1, 5a
390KD20	5	25	AC	1	n/a	-40	85	Ld-Ld	-	155	25	39	1	n/a	1, 5a
391KD05	5	250	AC	1	n/a	-40	85	Ld-Ld	-	785	250	390	0.15	n/a	1, 5a
391KD07	5	250	AC	1	n/a	-40	125	Ld-Ld	-	890	250	390	0.5	n/a	1, 5a
391KD10	5	250	AC	1	n/a	-40	125	Ld-Ld	-	910	250	390	1.5	n/a	1, 5a
391KD14	5	250	AC	1	n/a	-40	125	Ld-Ld	-	980	250	390	3	n/a	1, 5a
391KD20	5	250	AC	1	n/a	-40	125	Ld-Ld	-	970	250	390	5	n/a	1, 5a
391KD25	5	250	AC	1	n/a	-40	85	Ld-Ld	-	875	250	390	10	n/a	1, 5a
391KD32	5	250	AC	1	n/a	-40	85	Ld-Ld	-	1060	250	390	10	n/a	1, 5a
391KS34	5	250	AC	1	N/A	-40	85	Ld-Ld	-	1010	250	390	20	N/A	1, 5a
431KD05	5	275	AC	1	n/a	-40	85	Ld-Ld	-	840	275	430	0.15	n/a	1, 5a
431KD07	5	275	AC	1	n/a	-40	125	Ld-Ld	-	960	275	430	0.5	n/a	1, 5a
431KD10	5	275	AC	1	n/a	-40	125	Ld-Ld	-	990	275	430	1.5	n/a	1, 5a
431KD14	5	275	AC	1	n/a	-40	125	Ld-Ld	-	1090	275	430	3	n/a	1, 5a
431KD20	5	275	AC	1	n/a	-40	125	Ld-Ld	-	1060	275	430	5	n/a	1, 5a
431KD25	5	275	AC	1	n/a	-40	85	Ld-Ld	-	935	275	430	10	n/a	1, 5a
431KD32	5	275	AC	1	n/a	-40	85	Ld-Ld	-	1135	275	430	10	n/a	1, 5a
431KS34	5	275	AC	1	N/A	-40	85	Ld-Ld	-	1100	275	430	20	N/A	1, 5a
470KD05	5	30	AC	1	n/a	-40	85	Ld-Ld	-	160	30	47	0.05	n/a	1, 5a
470KD07	5	30	AC	1	n/a	-40	85	Ld-Ld	-	160	30	47	0.1	n/a	1, 5a
470KD10	5	30	AC	1	n/a	-40	85	Ld-Ld	-	155	30	47	0.1	n/a	1, 5a

470KD14	5	30	AC	1	n/a	-40	85	Ld-Ld	-	155	30	47	0.5	n/a	1, 5a
470KD20	5	30	AC	1	n/a	-40	85	Ld-Ld	-	175	30	47	1	n/a	1, 5a
471KD05	5	300	AC	1	n/a	-40	85	Ld-Ld	-	930	300	470	0.15	n/a	1, 5a
471KD07	5	300	AC	1	n/a	-40	125	Ld-Ld	-	1030	300	470	0.5	n/a	1, 5a
471KD10	5	300	AC	1	n/a	-40	125	Ld-Ld	-	1070	300	470	1.5	n/a	1, 5a
471KD10J	5	300	AC	1	N/A	-40	85	Ld-Ld	-	1150	300	470	2.5	N/A	1, 5a
471KD14	5	300	AC	1	n/a	-40	125	Ld-Ld	-	1200	300	470	3	n/a	1, 5a
471KD20	5	300	AC	1	n/a	-40	125	Ld-Ld	-	1160	300	480	5	n/a	1, 5a
471KD25	5	300	AC	1	n/a	-40	85	Ld-Ld	-	1010	300	470	10	n/a	1, 5a
471KD32	5	300	AC	1	n/a	-40	85	Ld-Ld	-	1120	300	470	10	n/a	1, 5a
471KS34	5	300	AC	1	N/A	-40	85	Ld-Ld	-	1190	300	470	20	N/A	1, 5a
511KD05	5	320	AC	1	n/a	-40	85	Ld-Ld	-	1040	320	510	0.15	n/a	1, 5a
511KD07	5	320	AC	1	n/a	-40	125	Ld-Ld	-	1090	320	510	0.5	n/a	1, 5a
511KD10	5	320	AC	1	n/a	-40	125	Ld-Ld	-	1140	320	510	1.5	n/a	1, 5a
511KD10J	5	320	AC	1	N/A	-40	85	Ld-Ld	-	1210	320	510	2.5	N/A	1, 5a
511KD14	5	320	AC	1	n/a	-40	125	Ld-Ld	-	1280	320	510	3	n/a	1, 5a
511KD20	5	320	AC	1	n/a	-40	125	Ld-Ld	-	1230	320	510	5	n/a	1, 5a
511KD25	5	320	AC	1	n/a	-40	85	Ld-Ld	-	1115	320	510	10	n/a	1, 5a
511KD32	5	320	AC	1	n/a	-40	85	Ld-Ld	-	1340	320	510	10	n/a	1, 5a
511KS34	5	320	AC	1	N/A	-40	85	Ld-Ld	-	1260	320	510	20	N/A	1, 5a
531KS34	5	330	AC	1	N/A	-40	85	Ld-Ld	-	1300	330	520	20	N/A	1, 5a

560KD05	5	35	AC	1	n/a	-40	85	Ld-Ld	-	180	35	56	0.05	n/a	1, 5a
560KD07	5	35	AC	1	n/a	-40	85	Ld-Ld	-	180	35	56	0.1	n/a	1, 5a
560KD10	5	35	AC	1	n/a	-40	85	Ld-Ld	-	175	35	56	0.1	n/a	1, 5a
560KD14	5	35	AC	1	n/a	-40	85	Ld-Ld	-	170	35	56	0.5	n/a	1, 5a
560KD20	5	35	AC	1	n/a	-40	85	Ld-Ld	-	195	35	56	1	n/a	1, 5a
561KD05	5	350	AC	1	n/a	-40	85	Ld-Ld	-	1150	350	560	0.15	n/a	1, 5a
561KD07	5	350	AC	1	n/a	-40	125	Ld-Ld	-	1170	350	560	0.5	n/a	1, 5a
561KD10	5	350	AC	1	n/a	-40	125	Ld-Ld	-	1230	350	580	1.5	n/a	1, 5a
561KD10J	5	350	AC	1	N/A	-40	85	Ld-Ld	-	1310	350	560	2.5	N/A	1, 5a
561KD14	5	350	AC	1	n/a	-40	125	Ld-Ld	-	1420	350	560	3	n/a	1, 5a
561KD20	5	350	AC	1	n/a	-40	125	Ld-Ld	-	1340	350	573	5	n/a	1, 5a
561KD25	5	350	AC	1	n/a	-40	85	Ld-Ld	-	1220	350	560	10	n/a	1, 5a
561KD32	5	350	AC	1	n/a	-40	85	Ld-Ld	-	1560	350	553	10	n/a	1, 5a
561KS34	5	350	AC	1	N/A	-40	85	Ld-Ld	-	1370	350	560	20	N/A	1, 5a
621KD05	5	385	AC	1	n/a	-40	85	Ld-Ld	-	1260	385	620	0.15	n/a	1, 5a
621KD07	5	385	AC	1	n/a	-40	125	Ld-Ld	-	1270	385	620	0.5	n/a	1, 5a
621KD10	5	385	AC	1	n/a	-40	125	Ld-Ld	-	1350	385	620	1.5	n/a	1, 5a
621KD10J	5	385	AC	1	N/A	-40	85	Ld-Ld	-	1420	385	620	2.5	N/A	1, 5a
621KD14	5	385	AC	1	n/a	-40	125	Ld-Ld	-	1570	385	620	3	n/a	1, 5a
621KD20	5	385	AC	1	n/a	-40	125	Ld-Ld	-	1470	385	620	5	n/a	1, 5a
621KD25	5	385	AC	1	n/a	-40	85	Ld-Ld	-	1325	385	620	10	n/a	1, 5a

621KD32	5	385	AC	1	n/a	-40	85	Ld-Ld	-	1780	385	620	10	n/a	1, 5a
621KS34	5	385	AC	1	N/A	-40	85	Ld-Ld	-	1520	385	620	20	N/A	1, 5a
680KD05	5	40	AC	1	n/a	-40	85	Ld-Ld	-	200	40	68	0.01	n/a	1, 5a
680KD07	5	40	AC	1	n/a	-40	85	Ld-Ld	-	190	40	68	0.1	n/a	1, 5a
680KD10	5	40	AC	1	n/a	-40	85	Ld-Ld	-	190	40	68	0.1	n/a	1, 5a
680KD14	5	40	AC	1	n/a	-40	85	Ld-Ld	-	190	40	68	0.5	n/a	1, 5a
680KD20	5	40	AC	1	n/a	-40	85	Ld-Ld	-	210	40	68	1	n/a	1, 5a
681KD05	5	420	AC	1	n/a	-40	85	Ld-Ld	-	1370	420	680	0.15	n/a	1, 5a
681KD07	5	420	AC	1	n/a	-40	125	Ld-Ld	-	1370	420	680	0.5	n/a	1, 5a
681KD10	5	420	AC	1	n/a	-40	125	Ld-Ld	-	1460	420	650	1.5	n/a	1, 5a
681KD10J	5	420	AC	1	N/A	-40	85	Ld-Ld	-	1530	420	680	2.5	N/A	1, 5a
681KD14	5	420	AC	1	n/a	-40	125	Ld-Ld	-	1720	420	680	3	n/a	1, 5a
681KD20	5	420	AC	1	n/a	-40	125	Ld-Ld	-	1600	420	680	5	n/a	1, 5a
681KD25	5	420	AC	1	n/a	-40	85	Ld-Ld	-	1430	420	680	10	n/a	1, 5a
681KD32	5	420	AC	1	n/a	-40	85	Ld-Ld	-	2000	420	666	10	n/a	1, 5a
681KS34	5	420	AC	1	N/A	-40	85	Ld-Ld	-	1670	420	680	20	N/A	1, 5a
721KS34	5	440	AC	1	N/A	-40	85	Ld-Ld	-	1750	440	715	20	N/A	1, 5a
751KD07	5	460	AC	1	n/a	-40	85	Ld-Ld	-	1540	460	750	0.5	n/a	1, 5a
751KD10	5	460	AC	1	n/a	-40	125	Ld-Ld	-	1600	460	750	1.5	n/a	1, 5a
751KD14	5	460	AC	1	n/a	-40	125	Ld-Ld	-	1780	460	750	3	n/a	1, 5a
751KD20	5	460	AC	1	n/a	-40	125	Ld-Ld	-	1750	460	750	5	n/a	1, 5a

751KD25	5	460	AC	1	n/a	-40	85	Ld-Ld	-	1540	460	750	10	n/a	1, 5a
751KD32	5	460	AC	1	n/a	-40	85	Ld-Ld	-	2220	460	750	10	n/a	1, 5a
751KS34	5	460	AC	1	N/A	-40	85	Ld-Ld	-	1840	460	750	20	N/A	1, 5a
781KD07	5	485	AC	1	n/a	-40	85	Ld-Ld	-	1650	485	780	0.5	n/a	1, 5a
781KD10	5	485	AC	1	n/a	-40	125	Ld-Ld	-	1690	485	780	1.5	n/a	1, 5a
781KD14	5	485	AC	1	n/a	-40	125	Ld-Ld	-	1820	485	780	3	n/a	1, 5a
781KD20	5	485	AC	1	n/a	-40	125	Ld-Ld	-	1840	485	780	5	n/a	1, 5a
781KD25	5	485	AC	1	n/a	-40	85	Ld-Ld	-	1650	485	780	10	n/a	1, 5a
781KD32	5	485	AC	1	n/a	-40	85	Ld-Ld	-	2440	485	780	10	n/a	1, 5a
781KS34	5	485	AC	1	N/A	-40	85	Ld-Ld	-	1940	485	780	20	N/A	1, 5a
820KD05	5	50	AC	1	n/a	-40	85	Ld-Ld	-	180	50	82	0.1	n/a	1, 5a
820KD07	5	50	AC	1	n/a	-40	125	Ld-Ld	-	210	50	80	0.25	n/a	1, 5a
820KD10	5	50	AC	1	n/a	-40	125	Ld-Ld	-	250	50	80	1	n/a	1, 5a
820KD14	5	50	AC	1	n/a	-40	125	Ld-Ld	-	270	50	80	2	n/a	1, 5a
820KD20	5	50	AC	1	n/a	-40	125	Ld-Ld	-	240	50	83	2.5	n/a	1, 5a
821KD07	5	510	AC	1	n/a	-40	85	Ld-Ld	-	1780	510	820	0.5	n/a	1, 5a
821KD10	5	510	AC	1	n/a	-40	125	Ld-Ld	-	1780	510	820	1.5	n/a	1, 5a
821KD14	5	510	AC	1	n/a	-40	125	Ld-Ld	-	1860	510	820	3	n/a	1, 5a
821KD20	5	510	AC	1	n/a	-40	125	Ld-Ld	-	1930	510	820	5	n/a	1, 5a
821KD25	5	510	AC	1	n/a	-40	85	Ld-Ld	-	1760	510	820	10	n/a	1, 5a
821KD32	5	510	AC	1	n/a	-40	85	Ld-Ld	-	2660	510	820	10	n/a	1, 5a

821KS34	5	510	AC	1	N/A	-40	85	Ld-Ld	-	2050	510	820	20	N/A	1, 5a
911KD10	5	550	AC	1	n/a	-40	125	Ld-Ld	-	1920	550	910	1.5	n/a	1, 5a
911KD14	5	550	AC	1	n/a	-40	125	Ld-Ld	-	1920	550	900	3	n/a	1, 5a
911KD20	5	550	AC	1	n/a	-40	125	Ld-Ld	-	2080	550	910	5	n/a	1, 5a
911KD25	5	550	AC	1	n/a	-40	85	Ld-Ld	-	1880	550	910	10	n/a	1, 5a
911KD32	5	550	AC	1	n/a	-40	85	Ld-Ld	-	2885	550	916	10	n/a	1, 5a
911KS34	5	550	AC	1	N/A	-40	85	Ld-Ld	-	2210	550	910	20	N/A	1, 5a
951KS34	5	570	AC	1	N/A	-40	85	Ld-Ld	-	2290	570	930	20	N/A	1, 5a

Notes:

1. Suitable for Factory wiring only.
2. Suitable for Field and Factory wiring.
3. Series External Impedance required, see Electrical Ratings in the Recognition report.
4. Series External Overcurrent Protection required, see Electrical Ratings in the Recognition report.
5. Body of discrete component metal-oxide varistors (MOVs) flammability:
 - a) Min. V-0 or VTM-0.
 - b) Min. V-1 or VTM-1.
 - c) Complies with IEC 60950-1, Edition 2.2, Annex Q/IEC62368-1 Annex G.8.2 needle flame testing requirements.
 - d) Complies with IEC 60065, Edition 7.2, Annex G.1.1 needle flame testing requirements.

Marking: Company name and model designation and the Recognized Component Mark, .

Last Updated on 2021-11-12

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