

VZCA8.E486000 - SURGE-PROTECTIVE DEVICES CERTIFIED FOR CANADA - COMPONENT

Surge-protective Devices Certified for Canada - Component

See General Information for Surge-protective Devices Certified for Canada - Component

JYH HSU (JEC) ELECTRONICS LTD

Lu Chong Bridge Side
Dao Hou Rd Cai Bai Country
Dao Jiao Town
Dongguan, Guangdong 511700 CHINA

E486000

Investigated to Other than CSA-C22.2 No. 269

Cat No.	SPD Type	Volts (V)	AC/DC/ DC PV	PH	AMPS (A)	AMB (°C)Min	AMB (°C)Max	MODE	VPR (Vpk)	MLV (Vpk)	MCOV (V)	Vn (Vdc)	In (kA)	SCCR (kA)	NOTES
07D101K	5	60	AC	1	-	-40	85	Ld-Ld	-	230	60	100	0.25	-	1
07D121K	5	75	AC	1	-	-40	85	Ld-Ld	-	280	75	120	0.25	-	1
07D151K	5	95	AC	1	-	-40	85	Ld-Ld	-	330	95	150	0.25	-	1
07D180L	5	10	AC	1	-	-40	85	Ld-Ld	-	60	11	18	0.1	-	1
07D181K	5	115	AC	1	-	-40	85	Ld-Ld	-	370	115	180	0.25	-	1
07D201K	5	130	AC	1	-	-40	85	Ld-Ld	-	450	130	200	0.5	-	1
07D220K	5	14	AC	1	-	-40	85	Ld-Ld	-	80	14	22	0.1	-	1
07D221K	5	140	AC	1	-	-40	85	Ld-Ld	-	510	140	220	0.5	-	1
07D241K	5	150	AC	1	-	-40	85	Ld-Ld	-	570	150	240	0.5	-	1
07D270K	5	17	AC	1	-	-40	85	Ld-Ld	-	100	17	27	0.1	-	1
07D271K	5	175	AC	1	-	-40	85	Ld-Ld	-	630	175	270	0.5	-	1
07D301K	5	190	AC	1	-	-40	85	Ld-Ld	-	700	190	300	0.5	-	1
07D330K	5	20	AC	1	-	-40	85	Ld-Ld	-	120	20	33	0.1	-	1

07D331K	5	210	AC	1	-	-40	85	Ld-Ld	-	760	210	330	0.5	-	1
07D361K	5	230	AC	1	-	-40	85	Ld-Ld	-	820	230	360	0.5	-	1
07D390K	5	25	AC	1	-	-40	85	Ld-Ld	-	140	25	39	0.1	-	1
07D391K	5	250	AC	1	-	-40	85	Ld-Ld	-	880	250	390	0.5	-	1
07D431K	5	275	AC	1	-	-40	85	Ld-Ld	-	940	275	430	0.5	-	1
07D470K	5	30	AC	1	-	-40	85	Ld-Ld	-	160	30	47	0.1	-	1
07D471K	5	300	AC	1	-	-40	85	Ld-Ld	-	1020	300	470	0.5	-	1
07D511K	5	320	AC	1	-	-40	85	Ld-Ld	-	1120	320	510	0.5	-	1
07D560K	5	35	AC	1	-	-40	85	Ld-Ld	-	180	35	56	0.1	-	1
07D561K	5	350	AC	1	-	-40	85	Ld-Ld	-	1220	350	560	0.5	-	1
07D621K	5	385	AC	1	-	-40	85	Ld-Ld	-	1320	385	620	0.5	-	1
07D680K	5	40	AC	1	-	-40	85	Ld-Ld	-	190	40	68	0.1	-	1
07D681K	5	420	AC	1	-	-40	85	Ld-Ld	-	1430	420	680	0.5	-	1
07D820K	5	50	AC	1	-	-40	85	Ld-Ld	-	180	50	80	0.25	-	1
10D101K	5	60	AC	1	-	-40	85	Ld-Ld	-	280	60	100	0.25	-	1
10D102K	5	625	AC	1	-	-40	85	Ld-Ld	-	2150	625	1000	1.5	-	1
10D112K	5	680	AC	1	-	-40	85	Ld-Ld	-	2200	680	1120	1.5	-	1
10D121K	5	75	AC	1	-	-40	85	Ld-Ld	-	320	75	120	0.25	-	1
10D151K	5	95	AC	1	-	-40	85	Ld-Ld	-	360	95	150	0.25	-	1
10D180L	5	10	AC	1	-	-40	85	Ld-Ld	-	70	11	18	0.1	-	1
10D181K	5	115	AC	1	-	-40	85	Ld-Ld	-	400	115	180	0.25	-	1

10D201K	5	130	AC	1	-	-40	85	Ld-Ld	-	480	130	200	1.5	-	1
10D220K	5	14	AC	1	-	-40	85	Ld-Ld	-	85	14	22	0.1	-	1
10D221K	5	140	AC	1	-	-40	85	Ld-Ld	-	550	140	220	1.5	-	1
10D241K	5	150	AC	1	-	-40	85	Ld-Ld	-	620	150	240	1.5	-	1
10D270K	5	17	AC	1	-	-40	85	Ld-Ld	-	100	17	27	0.1	-	1
10D271K	5	175	AC	1	-	-40	85	Ld-Ld	-	690	175	270	1.5	-	1
10D301K	5	190	AC	1	-	-40	85	Ld-Ld	-	760	190	300	1.5	-	1
10D330K	5	20	AC	1	-	-40	85	Ld-Ld	-	115	20	33	0.1	-	1
10D331K	5	210	AC	1	-	-40	85	Ld-Ld	-	830	210	330	1.5	-	1
10D361K	5	230	AC	1	-	-40	85	Ld-Ld	-	895	230	360	1.5	-	1
10D390K	5	25	AC	1	-	-40	85	Ld-Ld	-	135	25	39	0.1	-	1
10D391K	5	250	AC	1	-	-40	85	Ld-Ld	-	960	250	390	1.5	-	1
10D431K	5	275	AC	1	-	-40	85	Ld-Ld	-	1045	275	430	1.5	-	1
10D470K	5	30	AC	1	-	-40	85	Ld-Ld	-	155	30	47	0.1	-	1
10D471K	5	300	AC	1	-	-40	85	Ld-Ld	-	1100	300	470	1.5	-	1
10D511K	5	320	AC	1	-	-40	85	Ld-Ld	-	1225	320	510	1.5	-	1
10D560K	5	35	AC	1	-	-40	85	Ld-Ld	-	175	35	56	0.1	-	1
10D561K	5	350	AC	1	-	-40	85	Ld-Ld	-	1350	350	580	1.5	-	1
10D621K	5	385	AC	1	-	-40	85	Ld-Ld	-	1475	385	620	1.5	-	1
10D680K	5	40	AC	1	-	-40	85	Ld-Ld	-	190	40	68	0.1	-	1
10D681K	5	420	AC	1	-	-40	85	Ld-Ld	-	1600	420	650	1.5	-	1

10D751K	5	460	AC	1	-	-40	85	Ld-Ld	-	1725	460	750	1.5	-	1
10D781K	5	485	AC	1	-	-40	85	Ld-Ld	-	1850	485	780	1.5	-	1
10D820K	5	50	AC	1	-	-40	85	Ld-Ld	-	240	50	80	0.25	-	1
10D821K	5	510	AC	1	-	-40	85	Ld-Ld	-	1975	510	820	1.5	-	1
10D911K	5	550	AC	1	-	-40	85	Ld-Ld	-	2100	550	910	1.5	-	1
14D101K	5	60	AC	1	-	-40	85	Ld-Ld	-	290	60	100	2	-	1
14D102K	5	625	AC	1	-	-40	85	Ld-Ld	-	2340	625	1000	3	-	1
14D112K	5	680	AC	1	-	-40	85	Ld-Ld	-	2540	680	1100	3	-	1
14D121K	5	75	AC	1	-	-40	85	Ld-Ld	-	330	75	120	2	-	1
14D151K	5	95	AC	1	-	-40	85	Ld-Ld	-	370	95	150	2	-	1
14D152K	5	900	AC	1	-	-40	85	Ld-Ld	-	3270	900	1500	3	N/A	1
14D180L	5	10	AC	1	-	-40	85	Ld-Ld	-	80	11	18	0.5	-	1
14D181K	5	115	AC	1	-	-40	85	Ld-Ld	-	420	115	180	2	-	1
14D182K	5	1000	AC	1	-	-40	85	Ld-Ld	-	4000	1000	1800	3	N/A	1
14D201K	5	130	AC	1	-	-40	85	Ld-Ld	-	540	130	200	3	-	1
14D220K	5	14	AC	1	-	-40	85	Ld-Ld	-	95	14	22	0.5	-	1
14D221K	5	140	AC	1	-	-40	85	Ld-Ld	-	600	140	220	3	-	1
14D241K	5	150	AC	1	-	-40	85	Ld-Ld	-	660	150	240	3	-	1
14D270K	5	17	AC	1	-	-40	85	Ld-Ld	-	110	17	27	0.5	-	1
14D271K	5	175	AC	1	-	-40	85	Ld-Ld	-	720	175	270	3	-	1
14D301K	5	190	AC	1	-	-40	85	Ld-Ld	-	780	190	300	3	-	1

14D330K	5	20	AC	1	-	-40	85	Ld-Ld	-	125	20	33	0.5	-	1
14D331K	5	210	AC	1	-	-40	85	Ld-Ld	-	840	210	330	3	-	1
14D361K	5	230	AC	1	-	-40	85	Ld-Ld	-	900	230	360	3	-	1
14D390K	5	25	AC	1	-	-40	85	Ld-Ld	-	140	25	39	0.5	-	1
14D391K	5	250	AC	1	-	-40	85	Ld-Ld	-	960	250	390	3	-	1
14D431K	5	275	AC	1	-	-40	85	Ld-Ld	-	1020	275	430	3	-	1
14D470K	5	30	AC	1	-	-40	85	Ld-Ld	-	155	30	47	0.5	-	1
14D471K	5	300	AC	1	-	-40	85	Ld-Ld	-	1100	300	470	3	-	1
14D511K	5	320	AC	1	-	-40	85	Ld-Ld	-	1230	320	510	3	-	1
14D560K	5	35	AC	1	-	-40	85	Ld-Ld	-	170	35	56	0.5	-	1
14D561K	5	350	AC	1	-	-40	85	Ld-Ld	-	1360	350	560	3	-	1
14D621K	5	385	AC	1	-	-40	85	Ld-Ld	-	1490	385	620	3	-	1
14D680K	5	40	AC	1	-	-40	85	Ld-Ld	-	190	40	68	0.5	-	1
14D681K	5	420	AC	1	-	-40	85	Ld-Ld	-	1620	420	680	3	-	1
14D751K	5	460	AC	1	-	-40	85	Ld-Ld	-	1750	460	750	3	-	1
14D781K	5	485	AC	1	-	-40	85	Ld-Ld	-	1875	485	780	3	-	1
14D820K	5	50	AC	1	-	-40	85	Ld-Ld	-	250	50	80	2	-	1
14D821K	5	510	AC	1	-	-40	85	Ld-Ld	-	2000	510	820	3	-	1
14D911K	5	550	AC	1	-	-40	85	Ld-Ld	-	2125	550	900	3	-	1
20D101K	5	60	AC	1	-	-40	85	Ld-Ld	-	315	60	100	2.5	-	1
20D102K	5	625	AC	1	-	-40	85	Ld-Ld	-	2300	625	1000	5	-	1

20D112K	5	680	AC	1	-	-40	85	Ld-Ld	-	2500	680	1120	5	-	1
20D121K	5	75	AC	1	-	-40	85	Ld-Ld	-	365	75	120	2.5	-	1
20D151K	5	95	AC	1	-	-40	85	Ld-Ld	-	415	95	150	2.5	-	1
20D152K	5	900	AC	1	-	-40	85	Ld-Ld	-	3050	900	1500	3	N/A	1
20D180L	5	10	AC	1	-	-40	85	Ld-Ld	-	90	11	18	1	-	1
20D181K	5	115	AC	1	-	-40	85	Ld-Ld	-	460	115	180	2.5	-	1
20D182K	5	1000	AC	1	-	-40	85	Ld-Ld	-	3590	1000	1800	3	N/A	1
20D201K	5	130	AC	1	-	-40	85	Ld-Ld	-	520	130	200	5	-	1
20D220K	5	14	AC	1	-	-40	85	Ld-Ld	-	105	14	22	1	-	1
20D221K	5	140	AC	1	-	-40	85	Ld-Ld	-	580	140	220	5	-	1
20D241K	5	150	AC	1	-	-40	85	Ld-Ld	-	640	150	257	5	-	1
20D270K	5	17	AC	1	-	-40	85	Ld-Ld	-	120	17	27	1	-	1
20D271K	5	175	AC	1	-	-40	85	Ld-Ld	-	700	175	270	5	-	1
20D301K	5	190	AC	1	-	-40	85	Ld-Ld	-	760	190	300	5	-	1
20D330K	5	20	AC	1	-	-40	85	Ld-Ld	-	135	20	33	1	-	1
20D331K	5	210	AC	1	-	-40	85	Ld-Ld	-	825	210	330	5	-	1
20D361K	5	230	AC	1	-	-40	85	Ld-Ld	-	890	230	360	5	-	1
20D390K	5	25	AC	1	-	-40	85	Ld-Ld	-	155	25	39	1	-	1
20D391K	5	250	AC	1	-	-40	85	Ld-Ld	-	955	250	390	5	-	1
20D431K	5	275	AC	1	-	-40	85	Ld-Ld	-	1020	275	430	5	-	1
20D470K	5	30	AC	1	-	-40	85	Ld-Ld	-	175	30	47	1	-	1

20D471K	5	300	AC	1	-	-40	85	Ld-Ld	-	1100	300	480	5	-	1
20D511K	5	320	AC	1	-	-40	85	Ld-Ld	-	1225	320	510	5	-	1
20D560K	5	35	AC	1	-	-40	85	Ld-Ld	-	195	35	56	1	-	1
20D561K	5	350	AC	1	-	-40	85	Ld-Ld	-	1350	350	573	5	-	1
20D621K	5	385	AC	1	-	-40	85	Ld-Ld	-	1475	385	620	5	-	1
20D680K	5	40	AC	1	-	-40	85	Ld-Ld	-	210	40	68	1	-	1
20D681K	5	420	AC	1	-	-40	85	Ld-Ld	-	1600	420	680	5	-	1
20D751K	5	460	AC	1	-	-40	85	Ld-Ld	-	1725	460	750	5	-	1
20D781K	5	485	AC	1	-	-40	85	Ld-Ld	-	1850	485	780	5	-	1
20D820K	5	50	AC	1	-	-40	85	Ld-Ld	-	270	50	83	2.5	-	1
20D821K	5	510	AC	1	-	-40	85	Ld-Ld	-	1975	510	820	5	-	1
20D911K	5	550	AC	1	-	-40	85	Ld-Ld	-	2105	550	910	5	-	1
32D102K	5	625	AC	1	-	-40	85	Ld-Ld	-	3140	625	1000	10	-	1
32D112K	5	680	AC	1	-	-40	85	Ld-Ld	-	3400	680	1100	10	-	1
32D152K	5	900	AC	1	-	-40	85	Ld-Ld	-	3660	900	1500	10	-	1
32D182K	5	1000	AC	1	-	-40	85	Ld-Ld	-	3930	1000	1800	10	-	1
32D201K	5	130	AC	1	-	-40	85	Ld-Ld	-	560	130	210	10	-	1
32D221K	5	140	AC	1	-	-40	85	Ld-Ld	-	630	140	220	10	-	1
32D241K	5	150	AC	1	-	-40	85	Ld-Ld	-	700	150	240	10	-	1
32D271K	5	175	AC	1	-	-40	85	Ld-Ld	-	770	175	270	10	-	1
32D301K	5	190	AC	1	-	-40	85	Ld-Ld	-	840	190	300	10	-	1

32D331K	5	210	AC	1	-	-40	85	Ld-Ld	-	910	210	330	10	-	1
32D361K	5	230	AC	1	-	-40	85	Ld-Ld	-	985	230	360	10	-	1
32D391K	5	250	AC	1	-	-40	85	Ld-Ld	-	1060	250	390	10	-	1
32D431K	5	275	AC	1	-	-40	85	Ld-Ld	-	1135	275	430	10	-	1
32D471K	5	300	AC	1	-	-40	85	Ld-Ld	-	1120	300	470	10	-	1
32D511K	5	320	AC	1	-	-40	85	Ld-Ld	-	1340	320	510	10	-	1
32D561K	5	350	AC	1	-	-40	85	Ld-Ld	-	1560	350	553	10	-	1
32D621K	5	385	AC	1	-	-40	85	Ld-Ld	-	1780	385	620	10	-	1
32D681K	5	420	AC	1	-	-40	85	Ld-Ld	-	2000	420	666	10	-	1
32D751K	5	460	AC	1	-	-40	85	Ld-Ld	-	2220	460	750	10	-	1
32D781K	5	485	AC	1	-	-40	85	Ld-Ld	-	2440	485	780	10	-	1
32D821K	5	510	AC	1	-	-40	85	Ld-Ld	-	2660	510	820	10	-	1
32D911K	5	550	AC	1	-	-40	85	Ld-Ld	-	2885	550	916	10	-	1

Investigated to CSA C22.2 No. 269

Cat No.	SPD Type	Volts (V)	AC/DC/DC PV	AC/DC/PH	AMPS (A)	AMB (°C)Min	AMB (°C)Max	AMB MODE	VPR (Vpk)	MLV (Vpk)	MCOV (V)	Vn (Vdc)	In (kA)	SCCR (kA)	NOTES
JEC-05101	5	60	AC	1	N/A	-40	130	Ld-Ld	-	260	60	100	0.25	N/A	1,5a
JEC-05121	5	75	AC	1	N/A	-40	130	Ld-Ld	-	310	75	120	0.25	N/A	1,5a
JEC-05151	5	95	AC	1	N/A	-40	130	Ld-Ld	-	370	95	150	0.25	N/A	1,5a
JEC-05180	5	11	AC	1	N/A	-40	130	Ld-Ld	-	70	11	18	0.15	N/A	1,5a
JEC-05181	5	115	AC	1	N/A	-40	130	Ld-Ld	-	380	115	180	0.25	N/A	1,5a
JEC-05201	5	130	AC	1	N/A	-40	130	Ld-Ld	-	440	130	200	0.25	N/A	1,5a

JEC-05220	5	14	AC	1	N/A	-40	130	Ld-Ld	-	80	14	22	0.15	N/A	1,5a
JEC-05221	5	140	AC	1	N/A	-40	130	Ld-Ld	-	470	140	220	0.25	N/A	1,5a
JEC-05241	5	150	AC	1	N/A	-40	130	Ld-Ld	-	510	150	240	0.25	N/A	1,5a
JEC-05270	5	17	AC	1	N/A	-40	130	Ld-Ld	-	90	17	27	0.15	N/A	1,5a
JEC-05271	5	175	AC	1	N/A	-40	130	Ld-Ld	-	600	175	270	0.25	N/A	1,5a
JEC-05301	5	190	AC	1	N/A	-40	130	Ld-Ld	-	660	190	300	0.25	N/A	1,5a
JEC-05330	5	20	AC	1	N/A	-40	130	Ld-Ld	-	110	20	33	0.15	N/A	1,5a
JEC-05331	5	210	AC	1	N/A	-40	130	Ld-Ld	-	740	210	330	0.25	N/A	1,5a
JEC-05361	5	230	AC	1	N/A	-40	130	Ld-Ld	-	810	230	360	0.25	N/A	1,5a
JEC-05390	5	25	AC	1	N/A	-40	130	Ld-Ld	-	110	25	39	0.15	N/A	1,5a
JEC-05391	5	250	AC	1	N/A	-40	130	Ld-Ld	-	880	250	390	0.25	N/A	1,5a
JEC-05431	5	275	AC	1	N/A	-40	130	Ld-Ld	-	960	275	430	0.25	N/A	1,5a
JEC-05470	5	30	AC	1	N/A	-40	130	Ld-Ld	-	120	30	47	0.15	N/A	1,5a
JEC-05471	5	300	AC	1	N/A	-40	130	Ld-Ld	-	1040	300	470	0.25	N/A	1,5a
JEC-05511	5	320	AC	1	N/A	-40	130	Ld-Ld	-	1110	320	510	0.25	N/A	1,5a
JEC-05560	5	35	AC	1	N/A	-40	130	Ld-Ld	-	130	35	56	0.15	N/A	1,5a
JEC-05561	5	350	AC	1	N/A	-40	130	Ld-Ld	-	1210	350	560	0.25	N/A	1,5a
JEC-05621	5	385	AC	1	N/A	-40	130	Ld-Ld	-	1320	385	620	0.25	N/A	1,5a
JEC-05680	5	40	AC	1	N/A	-40	130	Ld-Ld	-	200	40	68	0.25	N/A	1,5a
JEC-05681	5	420	AC	1	N/A	-40	130	Ld-Ld	-	1440	420	680	0.25	N/A	1,5a
JEC-05820	5	50	AC	1	N/A	-40	130	Ld-Ld	-	230	50	82	0.25	N/A	1,5a

JEC-05D101K	5	60	AC	1	N/A	-40	130	Ld-Ld	-	260	60	100	0.25	N/A	1,5a
JEC-05D121K	5	75	AC	1	N/A	-40	130	Ld-Ld	-	310	75	120	0.25	N/A	1,5a
JEC-05D151K	5	95	AC	1	N/A	-40	130	Ld-Ld	-	370	95	150	0.25	N/A	1,5a
JEC-05D180K	5	11	AC	1	N/A	-40	130	Ld-Ld	-	70	11	18	0.15	N/A	1,5a
JEC-05D181K	5	115	AC	1	N/A	-40	130	Ld-Ld	-	380	115	180	0.25	N/A	1,5a
JEC-05D201K	5	130	AC	1	N/A	-40	130	Ld-Ld	-	440	130	200	0.25	N/A	1,5a
JEC-05D220K	5	14	AC	1	N/A	-40	130	Ld-Ld	-	80	14	22	0.15	N/A	1,5a
JEC-05D221K	5	140	AC	1	N/A	-40	130	Ld-Ld	-	470	140	220	0.25	N/A	1,5a
JEC-05D241K	5	150	AC	1	N/A	-40	130	Ld-Ld	-	510	150	240	0.25	N/A	1,5a
JEC-05D270K	5	17	AC	1	N/A	-40	130	Ld-Ld	-	90	17	27	0.15	N/A	1,5a
JEC-05D271K	5	175	AC	1	N/A	-40	130	Ld-Ld	-	600	175	270	0.25	N/A	1,5a
JEC-05D301K	5	190	AC	1	N/A	-40	130	Ld-Ld	-	660	190	300	0.25	N/A	1,5a
JEC-05D330K	5	20	AC	1	N/A	-40	130	Ld-Ld	-	110	20	33	0.15	N/A	1,5a
JEC-05D331K	5	210	AC	1	N/A	-40	130	Ld-Ld	-	740	210	330	0.25	N/A	1,5a
JEC-05D361K	5	230	AC	1	N/A	-40	130	Ld-Ld	-	810	230	360	0.25	N/A	1,5a
JEC-05D390K	5	25	AC	1	N/A	-40	130	Ld-Ld	-	110	25	39	0.15	N/A	1,5a
JEC-05D391K	5	250	AC	1	N/A	-40	130	Ld-Ld	-	880	250	390	0.25	N/A	1,5a
JEC-05D431K	5	275	AC	1	N/A	-40	130	Ld-Ld	-	960	275	430	0.25	N/A	1,5a
JEC-05D470K	5	30	AC	1	N/A	-40	130	Ld-Ld	-	120	30	47	0.15	N/A	1,5a
JEC-05D471K	5	300	AC	1	N/A	-40	130	Ld-Ld	-	1040	300	470	0.25	N/A	1,5a
JEC-05D511K	5	320	AC	1	N/A	-40	130	Ld-Ld	-	1110	320	510	0.25	N/A	1,5a

JEC-05D560K	5	35	AC	1	N/A	-40	130	Ld-Ld	-	130	35	56	0.15	N/A	1,5a
JEC-05D561K	5	350	AC	1	N/A	-40	130	Ld-Ld	-	1210	350	560	0.25	N/A	1,5a
JEC-05D621K	5	385	AC	1	N/A	-40	130	Ld-Ld	-	1320	385	620	0.25	N/A	1,5a
JEC-05D680K	5	40	AC	1	N/A	-40	130	Ld-Ld	-	200	40	68	0.25	N/A	1,5a
JEC-05D681K	5	420	AC	1	N/A	-40	130	Ld-Ld	-	1440	420	680	0.25	N/A	1,5a
JEC-05D820K	5	50	AC	1	N/A	-40	130	Ld-Ld	-	230	50	82	0.25	N/A	1,5a
JEC-07101	5	60	AC	1	N/A	-40	130	Ld-Ld	-	330	60	100	1	N/A	1,5a
JEC-07121	5	75	AC	1	N/A	-40	130	Ld-Ld	-	370	75	120	1	N/A	1,5a
JEC-07151	5	95	AC	1	N/A	-40	130	Ld-Ld	-	440	95	150	1	N/A	1,5a
JEC-07180	5	11	AC	1	N/A	-40	130	Ld-Ld	-	100	11	18	0.5	N/A	1,5a
JEC-07181	5	115	AC	1	N/A	-40	130	Ld-Ld	-	530	115	180	1	N/A	1,5a
JEC-07201	5	130	AC	1	N/A	-40	130	Ld-Ld	-	580	130	200	1	N/A	1,5a
JEC-07220	5	14	AC	1	N/A	-40	130	Ld-Ld	-	110	14	22	0.5	N/A	1,5a
JEC-07221	5	140	AC	1	N/A	-40	130	Ld-Ld	-	620	140	220	1	N/A	1,5a
JEC-07241	5	150	AC	1	N/A	-40	130	Ld-Ld	-	660	150	240	1	N/A	1,5a
JEC-07270	5	17	AC	1	N/A	-40	130	Ld-Ld	-	120	17	27	0.5	N/A	1,5a
JEC-07271	5	175	AC	1	N/A	-40	130	Ld-Ld	-	750	175	270	1	N/A	1,5a
JEC-07301	5	190	AC	1	N/A	-40	130	Ld-Ld	-	800	190	300	1	N/A	1,5a
JEC-07330	5	20	AC	1	N/A	-40	130	Ld-Ld	-	130	20	33	0.5	N/A	1,5a
JEC-07331	5	210	AC	1	N/A	-40	130	Ld-Ld	-	870	210	330	1	N/A	1,5a
JEC-07361	5	230	AC	1	N/A	-40	130	Ld-Ld	-	950	230	360	1	N/A	1,5a

JEC-07390	5	25	AC	1	N/A	-40	130	Ld-Ld	-	150	25	39	0.5	N/A	1,5a
JEC-07391	5	250	AC	1	N/A	-40	130	Ld-Ld	-	1020	250	390	1	N/A	1,5a
JEC-07431	5	275	AC	1	N/A	-40	130	Ld-Ld	-	1120	275	430	1	N/A	1,5a
JEC-07470	5	30	AC	1	N/A	-40	130	Ld-Ld	-	160	30	47	0.5	N/A	1,5a
JEC-07471	5	300	AC	1	N/A	-40	130	Ld-Ld	-	1230	300	470	1	N/A	1,5a
JEC-07511	5	320	AC	1	N/A	-40	130	Ld-Ld	-	1310	320	510	1	N/A	1,5a
JEC-07560	5	35	AC	1	N/A	-40	130	Ld-Ld	-	180	35	56	0.5	N/A	1,5a
JEC-07561	5	350	AC	1	N/A	-40	130	Ld-Ld	-	1430	350	560	1	N/A	1,5a
JEC-07621	5	385	AC	1	N/A	-40	130	Ld-Ld	-	1580	385	620	1	N/A	1,5a
JEC-07680	5	40	AC	1	N/A	-40	130	Ld-Ld	-	260	40	68	1	N/A	1,5a
JEC-07681	5	420	AC	1	N/A	-40	130	Ld-Ld	-	1720	420	680	1	N/A	1,5a
JEC-07751	5	460	AC	1	N/A	-40	130	Ld-Ld	-	1880	460	750	1	N/A	1,5a
JEC-07781	5	485	AC	1	N/A	-40	130	Ld-Ld	-	1990	485	780	1	N/A	1,5a
JEC-07820	5	50	AC	1	N/A	-40	130	Ld-Ld	-	290	50	82	1	N/A	1,5a
JEC-07821	5	510	AC	1	N/A	-40	130	Ld-Ld	-	2090	510	820	1	N/A	1,5a
JEC-07D101K	5	60	AC	1	N/A	-40	130	Ld-Ld	-	330	60	100	1	N/A	1,5a
JEC-07D121K	5	75	AC	1	N/A	-40	130	Ld-Ld	-	370	75	120	1	N/A	1,5a
JEC-07D151K	5	95	AC	1	N/A	-40	130	Ld-Ld	-	440	95	150	1	N/A	1,5a
JEC-07D180K	5	11	AC	1	N/A	-40	130	Ld-Ld	-	100	11	18	0.5	N/A	1,5a
JEC-07D181K	5	115	AC	1	N/A	-40	130	Ld-Ld	-	530	115	180	1	N/A	1,5a
JEC-07D201K	5	130	AC	1	N/A	-40	130	Ld-Ld	-	580	130	200	1	N/A	1,5a

JEC-07D220K	5	14	AC	1	N/A	-40	130	Ld-Ld	-	110	14	22	0.5	N/A	1,5a
JEC-07D221K	5	140	AC	1	N/A	-40	130	Ld-Ld	-	620	140	220	1	N/A	1,5a
JEC-07D241K	5	150	AC	1	N/A	-40	130	Ld-Ld	-	660	150	240	1	N/A	1,5a
JEC-07D270K	5	17	AC	1	N/A	-40	130	Ld-Ld	-	120	17	27	0.5	N/A	1,5a
JEC-07D271K	5	175	AC	1	N/A	-40	130	Ld-Ld	-	750	175	270	1	N/A	1,5a
JEC-07D301K	5	190	AC	1	N/A	-40	130	Ld-Ld	-	800	190	300	1	N/A	1,5a
JEC-07D330K	5	20	AC	1	N/A	-40	130	Ld-Ld	-	130	20	33	0.5	N/A	1,5a
JEC-07D331K	5	210	AC	1	N/A	-40	130	Ld-Ld	-	870	210	330	1	N/A	1,5a
JEC-07D361K	5	230	AC	1	N/A	-40	130	Ld-Ld	-	950	230	360	1	N/A	1,5a
JEC-07D390K	5	25	AC	1	N/A	-40	130	Ld-Ld	-	150	25	39	0.5	N/A	1,5a
JEC-07D391K	5	250	AC	1	N/A	-40	130	Ld-Ld	-	1020	250	390	1	N/A	1,5a
JEC-07D431K	5	275	AC	1	N/A	-40	130	Ld-Ld	-	1120	275	430	1	N/A	1,5a
JEC-07D470K	5	30	AC	1	N/A	-40	130	Ld-Ld	-	160	30	47	0.5	N/A	1,5a
JEC-07D471K	5	300	AC	1	N/A	-40	130	Ld-Ld	-	1230	300	470	1	N/A	1,5a
JEC-07D511K	5	320	AC	1	N/A	-40	130	Ld-Ld	-	1310	320	510	1	N/A	1,5a
JEC-07D560K	5	35	AC	1	N/A	-40	130	Ld-Ld	-	180	35	56	0.5	N/A	1,5a
JEC-07D561K	5	350	AC	1	N/A	-40	130	Ld-Ld	-	1430	350	560	1	N/A	1,5a
JEC-07D621K	5	385	AC	1	N/A	-40	130	Ld-Ld	-	1580	385	620	1	N/A	1,5a
JEC-07D680K	5	40	AC	1	N/A	-40	130	Ld-Ld	-	260	40	68	1	N/A	1,5a
JEC-07D681K	5	420	AC	1	N/A	-40	130	Ld-Ld	-	1720	420	680	1	N/A	1,5a
JEC-07D751K	5	460	AC	1	N/A	-40	130	Ld-Ld	-	1880	460	750	1	N/A	1,5a

JEC-07D781K	5	485	AC	1	N/A	-40	130	Ld-Ld	-	1990	485	780	1	N/A	1,5a
JEC-07D820K	5	50	AC	1	N/A	-40	130	Ld-Ld	-	290	50	82	1	N/A	1,5a
JEC-07D821K	5	510	AC	1	N/A	-40	130	Ld-Ld	-	2090	510	820	1	N/A	1,5a
JEC-10101	5	60	AC	1	N/A	-40	130	Ld-Ld	-	310	60	100	2.5	N/A	1,5a
JEC-10102	5	625	AC	1	N/A	-40	130	Ld-Ld	-	2200	625	1000	2	N/A	1,5a
JEC-10112	5	680	AC	1	N/A	-40	130	Ld-Ld	-	2260	680	1100	2	N/A	1,5a
JEC-10121	5	75	AC	1	N/A	-40	130	Ld-Ld	-	350	75	120	2.5	N/A	1,5a
JEC-10151	5	95	AC	1	N/A	-40	130	Ld-Ld	-	410	95	150	2.5	N/A	1,5a
JEC-10180	5	11	AC	1	N/A	-40	130	Ld-Ld	-	120	11	18	1	N/A	1,5a
JEC-10181	5	115	AC	1	N/A	-40	130	Ld-Ld	-	440	115	180	2.5	N/A	1,5a
JEC-10201	5	130	AC	1	N/A	-40	130	Ld-Ld	-	490	130	200	2.5	N/A	1,5a
JEC-10220	5	14	AC	1	N/A	-40	130	Ld-Ld	-	130	14	22	1	N/A	1,5a
JEC-10221	5	140	AC	1	N/A	-40	130	Ld-Ld	-	520	140	220	2.5	N/A	1,5a
JEC-10241	5	150	AC	1	N/A	-40	130	Ld-Ld	-	560	150	240	2.5	N/A	1,5a
JEC-10270	5	17	AC	1	N/A	-40	130	Ld-Ld	-	140	17	27	1	N/A	1,5a
JEC-10271	5	175	AC	1	N/A	-40	130	Ld-Ld	-	640	175	270	2.5	N/A	1,5a
JEC-10301	5	190	AC	1	N/A	-40	130	Ld-Ld	-	690	190	300	2.5	N/A	1,5a
JEC-10330	5	20	AC	1	N/A	-40	130	Ld-Ld	-	150	20	33	1	N/A	1,5a
JEC-10331	5	210	AC	1	N/A	-40	130	Ld-Ld	-	760	210	330	2.5	N/A	1,5a
JEC-10361	5	230	AC	1	N/A	-40	130	Ld-Ld	-	830	230	360	2.5	N/A	1,5a
JEC-10390	5	25	AC	1	N/A	-40	130	Ld-Ld	-	170	25	39	1	N/A	1,5a

JEC-10391	5	250	AC	1	N/A	-40	130	Ld-Ld	-	900	250	390	2.5	N/A	1,5a
JEC-10431	5	275	AC	1	N/A	-40	130	Ld-Ld	-	980	275	430	2.5	N/A	1,5a
JEC-10470	5	30	AC	1	N/A	-40	130	Ld-Ld	-	180	30	47	1	N/A	1,5a
JEC-10471	5	300	AC	1	N/A	-40	130	Ld-Ld	-	1080	300	470	2.5	N/A	1,5a
JEC-10511	5	320	AC	1	N/A	-40	130	Ld-Ld	-	1160	320	510	2.5	N/A	1,5a
JEC-10560	5	35	AC	1	N/A	-40	130	Ld-Ld	-	200	35	56	1	N/A	1,5a
JEC-10561	5	350	AC	1	N/A	-40	130	Ld-Ld	-	1280	350	560	2.5	N/A	1,5a
JEC-10621	5	385	AC	1	N/A	-40	130	Ld-Ld	-	1420	385	620	2.5	N/A	1,5a
JEC-10680	5	40	AC	1	N/A	-40	130	Ld-Ld	-	250	40	68	2.5	N/A	1,5a
JEC-10681	5	420	AC	1	N/A	-40	130	Ld-Ld	-	1550	420	680	2.5	N/A	1,5a
JEC-10751	5	460	AC	1	N/A	-40	130	Ld-Ld	-	1710	460	750	2.5	N/A	1,5a
JEC-10781	5	485	AC	1	N/A	-40	130	Ld-Ld	-	1810	485	780	2.5	N/A	1,5a
JEC-10820	5	50	AC	1	N/A	-40	130	Ld-Ld	-	280	50	82	2.5	N/A	1,5a
JEC-10821	5	510	AC	1	N/A	-40	130	Ld-Ld	-	1910	510	820	2.5	N/A	1,5a
JEC-10911	5	550	AC	1	N/A	-40	130	Ld-Ld	-	2070	550	910	2.5	N/A	1,5a
JEC-10D101K	5	60	AC	1	N/A	-40	130	Ld-Ld	-	310	60	100	2.5	N/A	1,5a
JEC-10D102K	5	625	AC	1	N/A	-40	130	Ld-Ld	-	2200	625	1000	2	N/A	1,5a
JEC-10D112K	5	680	AC	1	N/A	-40	130	Ld-Ld	-	2260	680	1100	2	N/A	1,5a
JEC-10D121K	5	75	AC	1	N/A	-40	130	Ld-Ld	-	350	75	120	2.5	N/A	1,5a
JEC-10D151K	5	95	AC	1	N/A	-40	130	Ld-Ld	-	410	95	150	2.5	N/A	1,5a
JEC-10D180K	5	11	AC	1	N/A	-40	130	Ld-Ld	-	120	11	18	1	N/A	1,5a

JEC-10D181K	5	115	AC	1	N/A	-40	130	Ld-Ld	-	440	115	180	2.5	N/A	1,5a
JEC-10D201K	5	130	AC	1	N/A	-40	130	Ld-Ld	-	490	130	200	2.5	N/A	1,5a
JEC-10D220K	5	14	AC	1	N/A	-40	130	Ld-Ld	-	130	14	22	1	N/A	1,5a
JEC-10D221K	5	140	AC	1	N/A	-40	130	Ld-Ld	-	520	140	220	2.5	N/A	1,5a
JEC-10D241K	5	150	AC	1	N/A	-40	130	Ld-Ld	-	560	150	240	2.5	N/A	1,5a
JEC-10D270K	5	17	AC	1	N/A	-40	130	Ld-Ld	-	140	17	27	1	N/A	1,5a
JEC-10D271K	5	175	AC	1	N/A	-40	130	Ld-Ld	-	640	175	270	2.5	N/A	1,5a
JEC-10D301K	5	190	AC	1	N/A	-40	130	Ld-Ld	-	690	190	300	2.5	N/A	1,5a
JEC-10D330K	5	20	AC	1	N/A	-40	130	Ld-Ld	-	150	20	33	1	N/A	1,5a
JEC-10D331K	5	210	AC	1	N/A	-40	130	Ld-Ld	-	760	210	330	2.5	N/A	1,5a
JEC-10D361K	5	230	AC	1	N/A	-40	130	Ld-Ld	-	830	230	360	2.5	N/A	1,5a
JEC-10D390K	5	25	AC	1	N/A	-40	130	Ld-Ld	-	170	25	39	1	N/A	1,5a
JEC-10D391K	5	250	AC	1	N/A	-40	130	Ld-Ld	-	900	250	390	2.5	N/A	1,5a
JEC-10D431K	5	275	AC	1	N/A	-40	130	Ld-Ld	-	980	275	430	2.5	N/A	1,5a
JEC-10D470K	5	30	AC	1	N/A	-40	130	Ld-Ld	-	180	30	47	1	N/A	1,5a
JEC-10D471K	5	300	AC	1	N/A	-40	130	Ld-Ld	-	1080	300	470	2.5	N/A	1,5a
JEC-10D511K	5	320	AC	1	N/A	-40	130	Ld-Ld	-	1160	320	510	2.5	N/A	1,5a
JEC-10D560K	5	35	AC	1	N/A	-40	130	Ld-Ld	-	200	35	56	1	N/A	1,5a
JEC-10D561K	5	350	AC	1	N/A	-40	130	Ld-Ld	-	1280	350	560	2.5	N/A	1,5a
JEC-10D621K	5	385	AC	1	N/A	-40	130	Ld-Ld	-	1420	385	620	2.5	N/A	1,5a
JEC-10D680K	5	40	AC	1	N/A	-40	130	Ld-Ld	-	250	40	68	2.5	N/A	1,5a

JEC-10D681K	5	420	AC	1	N/A	-40	130	Ld-Ld	-	1550	420	680	2.5	N/A	1,5a
JEC-10D751K	5	460	AC	1	N/A	-40	130	Ld-Ld	-	1710	460	750	2.5	N/A	1,5a
JEC-10D781K	5	485	AC	1	N/A	-40	130	Ld-Ld	-	1810	485	780	2.5	N/A	1,5a
JEC-10D820K	5	50	AC	1	N/A	-40	130	Ld-Ld	-	280	50	82	2.5	N/A	1,5a
JEC-10D821K	5	510	AC	1	N/A	-40	130	Ld-Ld	-	1910	510	820	2.5	N/A	1,5a
JEC-10D911K	5	550	AC	1	N/A	-40	130	Ld-Ld	-	2070	550	910	2.5	N/A	1,5a
JEC-14101	5	60	AC	1	N/A	-40	130	Ld-Ld	-	290	60	100	3	N/A	1,5a
JEC-14102	5	625	AC	1	N/A	-40	130	Ld-Ld	-	2110	625	1000	3	N/A	1,5a
JEC-14112	5	680	AC	1	N/A	-40	130	Ld-Ld	-	2300	680	1100	3	N/A	1,5a
JEC-14121	5	75	AC	1	N/A	-40	130	Ld-Ld	-	330	75	120	3	N/A	1,5a
JEC-14122	5	750	AC	1	N/A	-40	130	Ld-Ld	-	2550	750	1200	3	N/A	1,5a
JEC-14142	5	880	AC	1	N/A	-40	130	Ld-Ld	-	3010	880	1400	3	N/A	1,5a
JEC-14151	5	95	AC	1	N/A	-40	130	Ld-Ld	-	370	95	150	3	N/A	1,5a
JEC-14162	5	980	AC	1	N/A	-40	130	Ld-Ld	-	3370	1000	1600	3	N/A	1,5a
JEC-14180	5	11	AC	1	N/A	-40	130	Ld-Ld	-	140	11	18	2	N/A	1,5a
JEC-14181	5	115	AC	1	N/A	-40	130	Ld-Ld	-	470	115	180	3	N/A	1,5a
JEC-14182	5	1000	AC	1	N/A	-40	130	Ld-Ld	-	3790	1100	1800	3	N/A	1,5a
JEC-14201	5	130	AC	1	N/A	-40	130	Ld-Ld	-	520	130	200	3	N/A	1,5a
JEC-14220	5	14	AC	1	N/A	-40	130	Ld-Ld	-	150	14	22	2	N/A	1,5a
JEC-14221	5	140	AC	1	N/A	-40	130	Ld-Ld	-	550	140	220	3	N/A	1,5a
JEC-14241	5	150	AC	1	N/A	-40	130	Ld-Ld	-	590	150	240	3	N/A	1,5a

JEC-14270	5	17	AC	1	N/A	-40	130	Ld-Ld	-	160	17	27	2	N/A	1,5a
JEC-14271	5	175	AC	1	N/A	-40	130	Ld-Ld	-	670	175	270	3	N/A	1,5a
JEC-14301	5	190	AC	1	N/A	-40	130	Ld-Ld	-	720	190	300	3	N/A	1,5a
JEC-14330	5	20	AC	1	N/A	-40	130	Ld-Ld	-	170	20	33	2	N/A	1,5a
JEC-14331	5	210	AC	1	N/A	-40	130	Ld-Ld	-	780	210	330	3	N/A	1,5a
JEC-14361	5	230	AC	1	N/A	-40	130	Ld-Ld	-	850	230	360	3	N/A	1,5a
JEC-14390	5	25	AC	1	N/A	-40	130	Ld-Ld	-	190	25	39	2	N/A	1,5a
JEC-14391	5	250	AC	1	N/A	-40	130	Ld-Ld	-	920	250	390	3	N/A	1,5a
JEC-14431	5	275	AC	1	N/A	-40	130	Ld-Ld	-	1000	275	430	3	N/A	1,5a
JEC-14470	5	30	AC	1	N/A	-40	130	Ld-Ld	-	210	30	47	2	N/A	1,5a
JEC-14471	5	300	AC	1	N/A	-40	130	Ld-Ld	-	1090	300	470	3	N/A	1,5a
JEC-14511	5	320	AC	1	N/A	-40	130	Ld-Ld	-	1160	320	510	3	N/A	1,5a
JEC-14560	5	35	AC	1	N/A	-40	130	Ld-Ld	-	230	35	56	2	N/A	1,5a
JEC-14561	5	350	AC	1	N/A	-40	130	Ld-Ld	-	1270	350	560	3	N/A	1,5a
JEC-14621	5	385	AC	1	N/A	-40	130	Ld-Ld	-	1400	385	620	3	N/A	1,5a
JEC-14680	5	40	AC	1	N/A	-40	130	Ld-Ld	-	250	40	68	3	N/A	1,5a
JEC-14681	5	420	AC	1	N/A	-40	130	Ld-Ld	-	1530	420	680	3	N/A	1,5a
JEC-14751	5	460	AC	1	N/A	-40	130	Ld-Ld	-	1670	460	750	3	N/A	1,5a
JEC-14781	5	485	AC	1	N/A	-40	130	Ld-Ld	-	1760	485	780	3	N/A	1,5a
JEC-14820	5	50	AC	1	N/A	-40	130	Ld-Ld	-	270	50	82	3	N/A	1,5a
JEC-14821	5	510	AC	1	N/A	-40	130	Ld-Ld	-	1850	510	820	3	N/A	1,5a

JEC-14911	5	550	AC	1	N/A	-40	130	Ld-Ld	-	2000	550	910	3	N/A	1,5a
JEC-14D101K	5	60	AC	1	N/A	-40	130	Ld-Ld	-	290	60	100	3	N/A	1,5a
JEC-14D102K	5	625	AC	1	N/A	-40	130	Ld-Ld	-	2110	625	1000	3	N/A	1,5a
JEC-14D112K	5	680	AC	1	N/A	-40	130	Ld-Ld	-	2300	680	1100	3	N/A	1,5a
JEC-14D121K	5	75	AC	1	N/A	-40	130	Ld-Ld	-	330	75	120	3	N/A	1,5a
JEC-14D122K	5	750	AC	1	N/A	-40	130	Ld-Ld	-	2550	750	1200	3	N/A	1,5a
JEC-14D142K	5	880	AC	1	N/A	-40	130	Ld-Ld	-	3010	880	1400	3	N/A	1,5a
JEC-14D151K	5	95	AC	1	N/A	-40	130	Ld-Ld	-	370	95	150	3	N/A	1,5a
JEC-14D162K	5	980	AC	1	N/A	-40	130	Ld-Ld	-	3370	1000	1600	3	N/A	1,5a
JEC-14D180K	5	11	AC	1	N/A	-40	130	Ld-Ld	-	140	11	18	2	N/A	1,5a
JEC-14D181K	5	115	AC	1	N/A	-40	130	Ld-Ld	-	470	115	180	3	N/A	1,5a
JEC-14D182K	5	1000	AC	1	N/A	-40	130	Ld-Ld	-	3790	1100	1800	3	N/A	1,5a
JEC-14D201K	5	130	AC	1	N/A	-40	130	Ld-Ld	-	520	130	200	3	N/A	1,5a
JEC-14D220K	5	14	AC	1	N/A	-40	130	Ld-Ld	-	150	14	22	2	N/A	1,5a
JEC-14D221K	5	140	AC	1	N/A	-40	130	Ld-Ld	-	550	140	220	3	N/A	1,5a
JEC-14D241K	5	150	AC	1	N/A	-40	130	Ld-Ld	-	590	150	240	3	N/A	1,5a
JEC-14D270K	5	17	AC	1	N/A	-40	130	Ld-Ld	-	160	17	27	2	N/A	1,5a
JEC-14D271K	5	175	AC	1	N/A	-40	130	Ld-Ld	-	670	175	270	3	N/A	1,5a
JEC-14D301K	5	190	AC	1	N/A	-40	130	Ld-Ld	-	720	190	300	3	N/A	1,5a
JEC-14D330K	5	20	AC	1	N/A	-40	130	Ld-Ld	-	170	20	33	2	N/A	1,5a
JEC-14D331K	5	210	AC	1	N/A	-40	130	Ld-Ld	-	780	210	330	3	N/A	1,5a

JEC-14D361K	5	230	AC	1	N/A	-40	130	Ld-Ld	-	850	230	360	3	N/A	1,5a
JEC-14D390K	5	25	AC	1	N/A	-40	130	Ld-Ld	-	190	25	39	2	N/A	1,5a
JEC-14D391K	5	250	AC	1	N/A	-40	130	Ld-Ld	-	920	250	390	3	N/A	1,5a
JEC-14D431K	5	275	AC	1	N/A	-40	130	Ld-Ld	-	1000	275	430	3	N/A	1,5a
JEC-14D470K	5	30	AC	1	N/A	-40	130	Ld-Ld	-	210	30	47	2	N/A	1,5a
JEC-14D471K	5	300	AC	1	N/A	-40	130	Ld-Ld	-	1090	300	470	3	N/A	1,5a
JEC-14D511K	5	320	AC	1	N/A	-40	130	Ld-Ld	-	1160	320	510	3	N/A	1,5a
JEC-14D560K	5	35	AC	1	N/A	-40	130	Ld-Ld	-	230	35	56	2	N/A	1,5a
JEC-14D561K	5	350	AC	1	N/A	-40	130	Ld-Ld	-	1270	350	560	3	N/A	1,5a
JEC-14D621K	5	385	AC	1	N/A	-40	130	Ld-Ld	-	1400	385	620	3	N/A	1,5a
JEC-14D680K	5	40	AC	1	N/A	-40	130	Ld-Ld	-	250	40	68	3	N/A	1,5a
JEC-14D681K	5	420	AC	1	N/A	-40	130	Ld-Ld	-	1530	420	680	3	N/A	1,5a
JEC-14D751K	5	460	AC	1	N/A	-40	130	Ld-Ld	-	1670	460	750	3	N/A	1,5a
JEC-14D781K	5	485	AC	1	N/A	-40	130	Ld-Ld	-	1760	485	780	3	N/A	1,5a
JEC-14D820K	5	50	AC	1	N/A	-40	130	Ld-Ld	-	270	50	82	3	N/A	1,5a
JEC-14D821K	5	510	AC	1	N/A	-40	130	Ld-Ld	-	1850	510	820	3	N/A	1,5a
JEC-14D911K	5	550	AC	1	N/A	-40	130	Ld-Ld	-	2000	550	910	3	N/A	1,5a
JEC-20101	5	60	AC	1	N/A	-40	130	Ld-Ld	-	300	60	100	5	N/A	1,5a
JEC-20102	5	625	AC	1	N/A	-40	130	Ld-Ld	-	2200	625	1000	5	N/A	1,5a
JEC-20112	5	680	AC	1	N/A	-40	130	Ld-Ld	-	2430	680	1100	5	N/A	1,5a
JEC-20121	5	75	AC	1	N/A	-40	130	Ld-Ld	-	350	75	120	5	N/A	1,5a

JEC-20122	5	750	AC	1	N/A	-40	130	Ld-Ld	-	2720	750	1200	5	N/A	1,5a
JEC-20142	5	880	AC	1	N/A	-40	130	Ld-Ld	-	3250	880	1400	5	N/A	1,5a
JEC-20151	5	95	AC	1	N/A	-40	130	Ld-Ld	-	400	95	150	5	N/A	1,5a
JEC-20162	5	980	AC	1	N/A	-40	130	Ld-Ld	-	3670	980	1600	5	N/A	1,5a
JEC-20180	5	11	AC	1	N/A	-40	130	Ld-Ld	-	120	11	18	3	N/A	1,5a
JEC-20181	5	115	AC	1	N/A	-40	130	Ld-Ld	-	490	115	180	5	N/A	1,5a
JEC-20182	5	1000	AC	1	N/A	-40	130	Ld-Ld	-	3750	1000	1800	5	N/A	1,5a
JEC-20201	5	130	AC	1	N/A	-40	130	Ld-Ld	-	550	130	200	5	N/A	1,5a
JEC-20220	5	14	AC	1	N/A	-40	130	Ld-Ld	-	130	14	22	3	N/A	1,5a
JEC-20221	5	140	AC	1	N/A	-40	130	Ld-Ld	-	590	140	220	5	N/A	1,5a
JEC-20241	5	150	AC	1	N/A	-40	130	Ld-Ld	-	630	150	240	5	N/A	1,5a
JEC-20270	5	17	AC	1	N/A	-40	130	Ld-Ld	-	140	17	27	3	N/A	1,5a
JEC-20271	5	175	AC	1	N/A	-40	130	Ld-Ld	-	730	175	270	5	N/A	1,5a
JEC-20301	5	190	AC	1	N/A	-40	130	Ld-Ld	-	790	190	300	5	N/A	1,5a
JEC-20330	5	20	AC	1	N/A	-40	130	Ld-Ld	-	150	20	33	3	N/A	1,5a
JEC-20331	5	210	AC	1	N/A	-40	130	Ld-Ld	-	870	210	330	5	N/A	1,5a
JEC-20361	5	230	AC	1	N/A	-40	130	Ld-Ld	-	950	230	360	5	N/A	1,5a
JEC-20390	5	25	AC	1	N/A	-40	130	Ld-Ld	-	160	25	39	3	N/A	1,5a
JEC-20391	5	250	AC	1	N/A	-40	130	Ld-Ld	-	1030	250	390	5	N/A	1,5a
JEC-20431	5	275	AC	1	N/A	-40	130	Ld-Ld	-	1130	275	430	5	N/A	1,5a
JEC-20470	5	30	AC	1	N/A	-40	130	Ld-Ld	-	180	30	47	3	N/A	1,5a

JEC-20471	5	300	AC	1	N/A	-40	130	Ld-Ld	-	1200	300	470	5	N/A	1,5a
JEC-20511	5	320	AC	1	N/A	-40	130	Ld-Ld	-	1260	320	510	5	N/A	1,5a
JEC-20560	5	35	AC	1	N/A	-40	130	Ld-Ld	-	190	35	56	3	N/A	1,5a
JEC-20561	5	350	AC	1	N/A	-40	130	Ld-Ld	-	1340	350	560	5	N/A	1,5a
JEC-20621	5	385	AC	1	N/A	-40	130	Ld-Ld	-	1440	385	620	5	N/A	1,5a
JEC-20680	5	40	AC	1	N/A	-40	130	Ld-Ld	-	250	40	68	5	N/A	1,5a
JEC-20681	5	420	AC	1	N/A	-40	130	Ld-Ld	-	1540	420	680	5	N/A	1,5a
JEC-20751	5	460	AC	1	N/A	-40	130	Ld-Ld	-	1650	460	750	5	N/A	1,5a
JEC-20781	5	485	AC	1	N/A	-40	130	Ld-Ld	-	1730	485	780	5	N/A	1,5a
JEC-20820	5	50	AC	1	N/A	-40	130	Ld-Ld	-	280	50	82	5	N/A	1,5a
JEC-20821	5	510	AC	1	N/A	-40	130	Ld-Ld	-	1800	510	820	5	N/A	1,5a
JEC-20911	5	550	AC	1	N/A	-40	130	Ld-Ld	-	1910	550	910	5	N/A	1,5a
JEC-20D101K	5	60	AC	1	N/A	-40	130	Ld-Ld	-	300	60	100	5	N/A	1,5a
JEC-20D102K	5	625	AC	1	N/A	-40	130	Ld-Ld	-	2200	625	1000	5	N/A	1,5a
JEC-20D112K	5	680	AC	1	N/A	-40	130	Ld-Ld	-	2430	680	1100	5	N/A	1,5a
JEC-20D121K	5	75	AC	1	N/A	-40	130	Ld-Ld	-	350	75	120	5	N/A	1,5a
JEC-20D122K	5	750	AC	1	N/A	-40	130	Ld-Ld	-	2720	750	1200	5	N/A	1,5a
JEC-20D142K	5	880	AC	1	N/A	-40	130	Ld-Ld	-	3250	880	1400	5	N/A	1,5a
JEC-20D151K	5	95	AC	1	N/A	-40	130	Ld-Ld	-	400	95	150	5	N/A	1,5a
JEC-20D162K	5	980	AC	1	N/A	-40	130	Ld-Ld	-	3670	980	1600	5	N/A	1,5a
JEC-20D180K	5	11	AC	1	N/A	-40	130	Ld-Ld	-	120	11	18	3	N/A	1,5a

JEC-20D181K	5	115	AC	1	N/A	-40	130	Ld-Ld	-	490	115	180	5	N/A	1,5a
JEC-20D182K	5	1000	AC	1	N/A	-40	130	Ld-Ld	-	3750	1000	1800	5	N/A	1,5a
JEC-20D201K	5	130	AC	1	N/A	-40	130	Ld-Ld	-	550	130	200	5	N/A	1,5a
JEC-20D220K	5	14	AC	1	N/A	-40	130	Ld-Ld	-	130	14	22	3	N/A	1,5a
JEC-20D221K	5	140	AC	1	N/A	-40	130	Ld-Ld	-	590	140	220	5	N/A	1,5a
JEC-20D241K	5	150	AC	1	N/A	-40	130	Ld-Ld	-	630	150	240	5	N/A	1,5a
JEC-20D270K	5	17	AC	1	N/A	-40	130	Ld-Ld	-	140	17	27	3	N/A	1,5a
JEC-20D271K	5	175	AC	1	N/A	-40	130	Ld-Ld	-	730	175	270	5	N/A	1,5a
JEC-20D301K	5	190	AC	1	N/A	-40	130	Ld-Ld	-	790	190	300	5	N/A	1,5a
JEC-20D330K	5	20	AC	1	N/A	-40	130	Ld-Ld	-	150	20	33	3	N/A	1,5a
JEC-20D331K	5	210	AC	1	N/A	-40	130	Ld-Ld	-	870	210	330	5	N/A	1,5a
JEC-20D361K	5	230	AC	1	N/A	-40	130	Ld-Ld	-	950	230	360	5	N/A	1,5a
JEC-20D390K	5	25	AC	1	N/A	-40	130	Ld-Ld	-	160	25	39	3	N/A	1,5a
JEC-20D391K	5	250	AC	1	N/A	-40	130	Ld-Ld	-	1030	250	390	5	N/A	1,5a
JEC-20D431K	5	275	AC	1	N/A	-40	130	Ld-Ld	-	1130	275	430	5	N/A	1,5a
JEC-20D470K	5	30	AC	1	N/A	-40	130	Ld-Ld	-	180	30	47	3	N/A	1,5a
JEC-20D471K	5	300	AC	1	N/A	-40	130	Ld-Ld	-	1200	300	470	5	N/A	1,5a
JEC-20D511K	5	320	AC	1	N/A	-40	130	Ld-Ld	-	1260	320	510	5	N/A	1,5a
JEC-20D560K	5	35	AC	1	N/A	-40	130	Ld-Ld	-	190	35	56	3	N/A	1,5a
JEC-20D561K	5	350	AC	1	N/A	-40	130	Ld-Ld	-	1340	350	560	5	N/A	1,5a
JEC-20D621K	5	385	AC	1	N/A	-40	130	Ld-Ld	-	1440	385	620	5	N/A	1,5a



JEC-20D680K	5	40	AC	1	N/A	-40	130	Ld-Ld	-	250	40	68	5	N/A	1,5a
JEC-20D681K	5	420	AC	1	N/A	-40	130	Ld-Ld	-	1540	420	680	5	N/A	1,5a
JEC-20D751K	5	460	AC	1	N/A	-40	130	Ld-Ld	-	1650	460	750	5	N/A	1,5a
JEC-20D781K	5	485	AC	1	N/A	-40	130	Ld-Ld	-	1730	485	780	5	N/A	1,5a
JEC-20D820K	5	50	AC	1	N/A	-40	130	Ld-Ld	-	280	50	82	5	N/A	1,5a
JEC-20D821K	5	510	AC	1	N/A	-40	130	Ld-Ld	-	1800	510	820	5	N/A	1,5a
JEC-20D911K	5	550	AC	1	N/A	-40	130	Ld-Ld	-	1910	550	910	5	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.

SPDs investigated for Type 1 applications are automatically suitable for Type 2 applications and may be marked for SPD Type 1 and/or Type 2 applications. SPDs only marked "SPD Type 2" are not suitable for Type 1 applications.

Where a minimum ambient temperature is not specified, assume 0°C unless the product is marked otherwise or with an Outdoor use Environmental Rating. See Electrical Equipment for Use in Ordinary Locations (AALZ) for details regarding Environmental Ratings.

Marking: Company name or tradename "JEC" or trademark , model designation and the Recognized Component Mark for Canada,  on the product or on the smallest unit container in which the product is packaged.

Last Updated on 2019-08-07

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