

**VZCA2.E327997**
Surge-protective Devices - Component[Page Bottom](#)**Surge-protective Devices - Component**[See General Information for Surge-protective Devices - Component](#)**BRIGHTKING (SHENZHEN) CO LTD**

E327997

2nd FI Tianan Management Center Bldg
Tian An Cyber Park
Futian District
Shenzhen, Guangdong 518040 CHINA

Effective until March 11, 2016

Surge-protective device, Type 4, For use in other than SPD applications, "Varistors", Cat No. 05D or 07D followed by 101K, 121K, or 820K; D05 or 07D, preceded by 101K, 121K, or 820K. All models may be suffixed by A thru Z or 0 thru 9.

10D, followed by 820K, 101K, 121K, 151K, 621K; D10, preceded by 820K, 101K, 121K, 151K, 621K. All models may be suffixed by A thru Z or 0 thru 9.

Surge-protective device, Type 4, For use in other than SPD applications, Cat No. 05A, followed by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K; A05, preceded by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K; 05D, followed by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K followed by -D; D05, preceded by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K followed by -D. All models may be suffixed by A thru Z or 0 thru 9.

05D followed by 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K or 561K; D05 preceded by 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K or 561K; 07D followed by 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 511K, 561K, 621K or 681K; D07 preceded by 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 511K, 561K, 621K or 681K; 10D followed by 180K, 220K, 270K, 330K, 390K, 470K, 560K or 680K; D10 preceded by 180K, 220K, 270K, 330K, 390K, 470K, 560K or 680K; 14D followed by 180K, 220K, 270K, 330K, 390K, 470K, 560K or 680K; D14 preceded by 180K, 220K, 270K, 330K, 390K, 470K, 560K or 680K; 20D followed by 180K, 220K, 270K, 330K, 390K, 470K, 560K or 680K; D20 preceded by 180K, 220K, 270K, 330K, 390K, 470K, 560K or 680K. All models may be followed by suffixes.

05D, followed by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K; D05, preceded by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K, All models may be suffixed by A thru Z or 0 thru 9.

07A, followed by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K; A07, preceded by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K; 07D, followed by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K followed by -D; D07, preceded by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K, followed by -D, All models may be suffixed by A thru Z or 0 thru 9.

07D, followed by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K; D07, preceded by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K or 471K, All models may be suffixed by A thru Z or 0 thru 9.

10A, followed by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 911K, 102K or 112K; A10, preceded by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 911K, 102K or 112K. 10D, followed by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 911K, 102K or 112K followed by -D; D10, preceded by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 911K, 102K or 112K followed by -D. All models may be suffixed by A thru Z or 0 thru 9.

10D, followed by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 911K, 102K or 112K; and D10, preceded by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 911K, 102K or 112K. preceded by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 911K, 102K or 112K. 10D, followed by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 911K, 102K or 112K followed by -D; D10, preceded by 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 911K, 102K or 112K followed by -D. All models may be suffixed by A thru Z or 0 thru 9.

Surge-protective device, Type 4, For use in SPD Type 1 applications, Cat No. 22S followed by 201K, 241K, 271K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K; S22 preceded by 201K, 241K, 271K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K; 32D followed by 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K, 142K; D32 preceded by 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K, 142K; 34S followed by 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K, 142K; S34 preceded by 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K, 142K; 34R followed by 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K; R34 preceded by 201K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K; 40D followed by 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K, 142K; D40 preceded by 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K, 142K; 53D followed by 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K, 142K; D53 preceded by 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 951K, 102K, 112K, 122K, 142K. All models may be suffixed by A thru Z or 0 thru 9.

Surge-protective device, Type 4, For use in SPD Type 2 applications, "Silicon avalanche diodes", Cat No. HFA, followed by -012, -015, -020, -025, -030, -042, -058, -066, -076, -100, -133, -170, -190, -200, followed by L, C or S. All models may be prefix or/and suffix with A thru Z or/and 0 thru 9 or none.

HFB, followed by -012, -015, -020, -025, -030, -042, -058, -066, -076, -100, -133, -170, -190, -200, -240, -275, -300, -380, followed by L, C or S. All models may be prefix or/and suffix with A thru Z or/and 0 thru 9 or none.

HFC, followed by -012, -020, -030, -042, -058, -066, -076, -100, -133, -170, -190, followed by L, C or S. All models may be prefix or/and suffix with A thru Z or/and 0 thru 9 or none.

HFD, followed by -015, -025, -030, -042, -058, -066, -076, -100, -133, -170, -190, followed by L, C or S. All models may be prefix or/and suffix with A thru Z or/and 0 thru 9 or none.

Surge-protective device, Type 4, For use in SPD Type 2 applications, Cat No. 10D, followed by 471K, 511K, 561K, 681K, 751K, 781K, 821K; D10, preceded by 471K, 511K, 561K, 681K, 751K, 781K, 821K; 14D, followed by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K; D14, preceded by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K; 20D, followed by 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K, 122K, 142K, 162K or 182K; D20, preceded by 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K, 122K, 142K, 162K or 182K; 25D, followed by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K, 122K, 142K or 162K; D25, preceded by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K, 122K, 142K or 162K. All model may be suffixed by A thru Z or o thru 9.

Surge-protective device, Type 4, For use in SPD Type 3 applications, "Varistors", Cat No. 14D, followed by 820K or 101K; D14 preceded by 820K or 101K. All models may be suffixed by A thru Z or O thru 9.

20S, followed by 201K or 241K; S20, preceded by 201K or 241K. All models may be suffixed by A thru Z or O thru 9.

20S, followed by 271K, 361K, 391K, 431K, 471K, 511K, 621K, 681K, 751K, 781K, 821K, 911K, 102K or 112K; S20, preceded by 271K, 361K, 391K, 431K, 471K, 511K, 621K, 681K, 751K, 781K, 821K, 911K, 102K or 112K; S34 or R34 preceded by 201K, 221K, 241K, 271K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K or 112K. All models may be suffixed by A thru Z or O thru 9.

Surge-protective device, Type 4, For use in SPD Type 3 applications, Cat No. 14D, followed by 121K, 151K, 181K, 201K, 221K, 241K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K or 182K; D14, preceded by 121K, 151K, 181K, 201K, 221K, 241K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K or 182K; 20D, followed by 820K, 101K, 121K, 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K or 182K; D20, preceded by 820K, 101K, 121K, 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K or 182K; 25D, followed by 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K or 122K; D25, preceded by 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, 112K or 122K. All models may be followed by suffixes.

22S470K, 22S680K, 22S820K, 22S101K, 22S121K, 470KS22, 680KS22, 820KS22, 101KS22, 121KS22, may be followed by suffixes.

32D followed by 201K, 241K, 271K, 361K, 391K, 431K, 471K, 511K, 621K, 681K, 751K, 781K, 821K, 911K, 102K or 112K; D32, preceded by 201K, 241K, 271K, 361K, 391K, 431K, 471K, 511K, 621K, 681K, 751K, 781K, 821K, 911K, 102K or 112K; 40D or 40R, followed by 201K, 241K, 271K, 361K, 391K, 431K, 471K, 511K, 621K, 681K, 751K, 781K, 821K, 911K, 102K, or 112K; D40 or R40, preceded by 201K, 241K, 271K, 361K, 391K, 431K, 471K, 511K, 621K, 681K, 751K, 781K, 821K, 911K, 102K or 112K; 53D, followed by 201K, 241K, 271K, 361K, 391K, 431K, 471K, 511K, 621K, 681K, 751K, 781K, 821K, 911K, 102K or 112K; D53, preceded by 201K, 241K, 271K, 361K, 391K, 431K, 471K, 511K, 621K, 681K, 751K, 781K, 821K, 911K, 102K or 112K. All models may be suffixed by A thru Z or O thru 9.

Tradename or trademark, followed by 14M, 14N or 14E, followed by 820K, 101K, 121K, 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K or 681K; M14, N14, E14 preceded by 820K, 101K, 121K, 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K or 681K; Tradename or trademark, followed by 25M, 25N or 25E, followed by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K or 681K; M25, N25, E25 preceded by 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 621K or 681K. All models may be followed by J, E or X, where X may be A thru Z or/and O thru 9.

Tradename or trademark, followed by 20M, 20N or 20E, followed by 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K, 101K, 121K, 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 591K, 621K or 681K; Cat. Nos. M20, N20, E20 preceded by 180K, 220K, 270K, 330K, 390K, 470K, 560K, 680K, 820K, 101K, 121K, 151K, 181K, 201K, 221K, 241K, 271K, 301K, 331K, 361K, 391K, 431K, 471K, 511K, 561K, 591K, 621K or 681K. All models may be followed by J, E or X, where X may be A thru Z or/and O thru 9.

Effective May 3, 2010

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
05A151K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	280	95	150	0.1	N/A	1
05A181K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	330	115	180	0.1	N/A	1
05A201K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	410	130	200	0.25	N/A	1
05A221K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	450	140	220	0.25	N/A	1
05A241K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	480	150	240	0.25	N/A	1
05A271K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	570	175	270	0.25	N/A	1
05A301K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	620	190	300	0.25	N/A	1
05A331K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	650	210	330	0.25	N/A	1
05A361K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	690	230	360	0.25	N/A	1
05A391K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	720	250	390	0.25	N/A	1
05A431K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	770	275	430	0.25	N/A	1
05A471K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	810	300	470	0.25	N/A	1
05D101K	5	60	AC	1	n/a	-40	105	Ld-Ld	-	190	60	100	0.1	N/A	1
05D121K	5	75	AC	1	n/a	-40	105	Ld-Ld	-	230	75	120	0.1	N/A	1
05D151K	5	95	AC	1	n/a	-40	105	Ld-Ld	-	280	95	150	0.1	N/A	1
05D180K	5	11	AC	1	n/a	-40	105	Ld-Ld	-	50	11	18	0.05	N/A	1
05D181K	5	115	AC	1	n/a	-40	105	Ld-Ld	-	330	115	180	0.1	N/A	1
05D201K	5	130	AC	1	n/a	-40	105	Ld-Ld	-	410	130	200	0.25	N/A	1
05D220K	5	14	AC	1	n/a	-40	105	Ld-Ld	-	60	14	22	0.05	N/A	1
05D221K	5	140	AC	1	n/a	-40	105	Ld-Ld	-	450	140	220	0.25	N/A	1
05D241K	5	150	AC	1	n/a	-40	105	Ld-Ld	-	480	150	240	0.25	N/A	1

05D270K	5	17	AC	1	n/a	-40	105	Ld-Ld	-	70	17	27	0.05	N/A	1
05D271K	5	175	AC	1	n/a	-40	105	Ld-Ld	-	570	175	270	0.25	N/A	1
05D301K	5	190	AC	1	n/a	-40	105	Ld-Ld	-	620	190	300	0.25	N/A	1
05D330K	5	20	AC	1	n/a	-40	105	Ld-Ld	-	80	20	33	0.05	N/A	1
05D331K	5	210	AC	1	n/a	-40	105	Ld-Ld	-	650	210	330	0.25	N/A	1
05D361K	5	230	AC	1	n/a	-40	105	Ld-Ld	-	690	230	360	0.25	N/A	1
05D391K	5	250	AC	1	n/a	-40	105	Ld-Ld	-	720	250	390	0.25	N/A	1
05D431K	5	275	AC	1	n/a	-40	105	Ld-Ld	-	770	275	430	0.25	N/A	1
05D471K	5	300	AC	1	n/a	-40	105	Ld-Ld	-	810	300	470	0.25	N/A	1
05D511K	5	320	AC	1	n/a	-40	105	Ld-Ld	-	880	320	510	0.25	N/A	1
05D561K	5	350	AC	1	n/a	-40	105	Ld-Ld	-	990	350	560	0.25	N/A	1
05D621K	5	385	AC	1	n/a	-40	105	Ld-Ld	-	1110	385	620	0.25	N/A	1
05D681K	5	420	AC	1	n/a	-40	105	Ld-Ld	-	1230	420	680	0.25	N/A	1
05D711K	5	440	AC	1	n/a	-40	105	Ld-Ld	-	1300	440	510	0.25	N/A	1
05D751K	5	460	AC	1	N/A	-40	105	Ld-Ld	-	1370	460	750	0.25	N/A	1
05D781K	5	485	AC	1	N/A	-40	105	Ld-Ld	-	1470	485	780	0.25	N/A	1
05D820K	5	50	AC	1	n/a	-40	105	Ld-Ld	-	170	50	80	0.1	N/A	1
05D821K	5	510	AC	1	N/A	-40	105	Ld-Ld	-	1560	510	820	0.25	N/A	1
05D911K	5	550	AC	1	N/A	-40	105	Ld-Ld	-	1700	550	910	0.25	N/A	1
07A151K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	300	95	150	0.25	N/A	1
07A181K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	340	115	180	0.25	N/A	1
07A201K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	440	130	200	0.5	N/A	1
07A221K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	470	140	220	0.5	N/A	1
07A241K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	510	150	240	0.5	N/A	1
07A271K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	590	175	270	0.5	N/A	1
07A301K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	640	190	300	0.5	N/A	1
07A331K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	680	210	330	0.5	N/A	1
07A361K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	720	230	360	0.5	N/A	1
07A391K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	770	250	390	0.5	N/A	1
07A431K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	820	275	430	0.5	N/A	1
07A471K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	870	300	470	0.5	N/A	1
07D101K	5	60	AC	1	N/A	-40	105	Ld-Ld	-	240	60	100	0.25	N/A	1
07D121K	5	75	AC	1	N/A	-40	105	Ld-Ld	-	270	75	120	0.25	N/A	1
07D151K	5	95	AC	1	N/A	-40	105	Ld-Ld	-	300	95	150	0.25	N/A	1
07D180K	5	11	AC	1	N/A	-40	105	Ld-Ld	-	50	11	18	0.1	N/A	1
07D181K	5	115	AC	1	N/A	-40	105	Ld-Ld	-	340	115	180	0.25	N/A	1
07D201K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	440	130	200	0.5	N/A	1
07D220K	5	14	AC	1	N/A	-40	105	Ld-Ld	-	60	14	22	0.1	N/A	1
07D221K	5	140	AC	1	N/A	-40	105	Ld-Ld	-	470	140	220	0.5	N/A	1
07D241K	5	150	AC	1	N/A	-40	105	Ld-Ld	-	510	150	240	0.5	N/A	1
07D270K	5	17	AC	1	N/A	-40	105	Ld-Ld	-	70	17	27	0.1	N/A	1
07D271K	5	175	AC	1	N/A	-40	105	Ld-Ld	-	590	175	270	0.5	N/A	1
07D301K	5	190	AC	1	N/A	-40	105	Ld-Ld	-	640	190	300	0.5	N/A	1
07D330K	5	20	AC	1	N/A	-40	105	Ld-Ld	-	80	20	33	0.1	N/A	1
07D331K	5	210	AC	1	N/A	-40	105	Ld-Ld	-	680	210	330	0.5	N/A	1
07D361K	5	230	AC	1	N/A	-40	105	Ld-Ld	-	720	230	360	0.5	N/A	1
07D391K	5	250	AC	1	N/A	-40	105	Ld-Ld	-	770	250	390	0.5	N/A	1
07D431K	5	275	AC	1	N/A	-40	105	Ld-Ld	-	820	275	430	0.5	N/A	1
07D471K	5	300	AC	1	N/A	-40	105	Ld-Ld	-	870	300	470	0.5	N/A	1
07D511K	5	320	AC	1	N/A	-40	105	Ld-Ld	-	940	320	510	0.5	N/A	1

07D561K	5	350	AC	1	N/A	-40	105	Ld-Ld	-	1050	350	560	0.5	N/A	1
07D621K	5	385	AC	1	N/A	-40	105	Ld-Ld	-	1180	385	620	0.5	N/A	1
07D681K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1310	420	680	0.5	N/A	1
07D711K	5	440	AC	1	N/A	-40	105	Ld-Ld	-	1380	440	710	0.5	N/A	1
07D781K	5	485	AC	1	N/A	-40	105	Ld-Ld	-	1530	485	780	0.5	N/A	1
07D820K	5	50	AC	1	N/A	-40	105	Ld-Ld	-	220	50	80	0.25	N/A	1
07D821K	5	510	AC	1	N/A	-40	105	Ld-Ld	-	1610	510	820	0.5	N/A	1
07D911K	5	550	AC	1	N/A	-40	105	Ld-Ld	-	1750	550	910	0.5	N/A	1
101KD05	5	60	AC	1	N/A	-40	105	Ld-Ld	-	190	60	100	0.1	N/A	1
101KD07	5	60	AC	1	N/A	-40	105	Ld-Ld	-	240	60	100	0.25	N/A	1
101KD10	5	60	AC	1	N/A	-40	105	Ld-Ld	-	220	60	100	1	N/A	1
101KD14	5	60	AC	1	N/A	-40	105	Ld-Ld	-	260	60	100	2	N/A	1
101KD20	5	60	AC	1	N/A	-40	105	Ld-Ld	-	240	60	100	2.5	N/A	1
102KE14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	3	n/a	1
102KE20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	5	n/a	1
102KE25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2120	250	1000	3	n/a	1
102KM14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	3	n/a	1
102KM20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	5	n/a	1
102KM25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2120	250	1000	3	n/a	1
102KN14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	3	n/a	1
102KN20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	5	n/a	1
102KN25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2120	250	1000	3	n/a	1
10A181K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	360	115	180	1	N/A	1
10A201K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	650	130	200	3	N/A	1
10A221K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	690	140	220	3	N/A	1
10A241K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	730	150	240	3	N/A	1
10A271K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	830	175	270	3	N/A	1
10A301K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	890	190	300	3	N/A	1
10A331K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	950	210	330	3	N/A	1
10A361K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1010	230	360	3	N/A	1
10A391K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	1080	250	390	3	N/A	1
10A431K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	1150	275	430	3	N/A	1
10D101K	5	60	AC	1	N/A	-40	105	Ld-Ld	-	220	60	100	1	N/A	1
10D121K	5	75	AC	1	N/A	-40	105	Ld-Ld	-	260	75	120	1	N/A	1
10D151K	5	95	AC	1	N/A	-40	105	Ld-Ld	-	310	95	150	1	N/A	1
10D180K	5	11	AC	1	N/A	-40	105	Ld-Ld	-	50	11	18	0.25	N/A	1
10D181K	5	115	AC	1	N/A	-40	105	Ld-Ld	-	360	115	180	1	N/A	1
10D201K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	650	130	200	3	N/A	1
10D220K	5	14	AC	1	N/A	-40	105	Ld-Ld	-	60	14	22	0.25	N/A	1
10D221K	5	140	AC	1	N/A	-40	105	Ld-Ld	-	690	140	220	3	N/A	1
10D241K	5	150	AC	1	N/A	-40	105	Ld-Ld	-	730	150	240	3	N/A	1
10D270K	5	17	AC	1	N/A	-40	105	Ld-Ld	-	70	17	27	0.25	N/A	1
10D271K	5	175	AC	1	N/A	-40	105	Ld-Ld	-	830	175	270	3	N/A	1
10D301K	5	190	AC	1	N/A	-40	105	Ld-Ld	-	890	190	300	3	N/A	1
10D330K	5	20	AC	1	N/A	-40	105	Ld-Ld	-	80	20	33	0.25	N/A	1
10D331K	5	210	AC	1	N/A	-40	105	Ld-Ld	-	950	210	330	3	N/A	1
10D361K	5	230	AC	1	N/A	-40	105	Ld-Ld	-	1010	230	360	3	N/A	1
10D391K	5	250	AC	1	N/A	-40	105	Ld-Ld	-	1080	250	390	3	N/A	1
10D431K	5	275	AC	1	N/A	-40	105	Ld-Ld	-	1150	275	430	3	N/A	1
10D471K	5	300	AC	1	N/A	-40	105	Ld-Ld	-	1230	300	470	3	N/A	1

10D511K	5	320	AC	1	N/A	-40	105	Ld-Ld	-	1310	320	510	3	N/A	1
10D561K	5	350	AC	1	N/A	-40	105	Ld-Ld	-	1420	350	560	3	N/A	1
10D621K	5	385	AC	1	N/A	-40	105	Ld-Ld	-	1550	385	620	3	N/A	1
10D681K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1680	420	680	3	N/A	1
10D820K	5	50	AC	1	N/A	-40	105	Ld-Ld	-	200	50	80	1	N/A	1
112KE14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	3	n/a	1
112KE20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	5	n/a	1
112KE25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2290	250	1100	3	n/a	1
112KM14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	3	n/a	1
112KM20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	5	n/a	1
112KM25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2290	250	1100	3	n/a	1
112KN14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	3	n/a	1
112KN20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	5	n/a	1
112KN25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2290	250	1100	3	n/a	1
121KD05	5	75	AC	1	N/A	-40	105	Ld-Ld	-	230	75	120	0.1	N/A	1
121KD07	5	75	AC	1	N/A	-40	105	Ld-Ld	-	270	75	120	0.25	N/A	1
121KD10	5	75	AC	1	N/A	-40	105	Ld-Ld	-	260	75	120	1	N/A	1
121KD14	5	75	AC	1	N/A	-40	105	Ld-Ld	-	300	75	120	2	N/A	1
121KD20	5	75	AC	1	N/A	-40	105	Ld-Ld	-	270	75	120	2.5	N/A	1
122KE20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2670	250	1200	5	n/a	1
122KE25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2460	250	1200	3	n/a	1
122KM20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2670	250	1200	5	n/a	1
122KM25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2460	250	1200	3	n/a	1
122KN20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2670	250	1200	5	n/a	1
122KN25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2460	250	1200	3	n/a	1
14D101K	5	60	AC	1	N/A	-40	105	Ld-Ld	-	260	60	100	2	N/A	1
14D121K	5	75	AC	1	N/A	-40	105	Ld-Ld	-	300	75	120	2	N/A	1
14D151K	5	95	AC	1	N/A	-40	105	Ld-Ld	-	340	95	150	2	N/A	1
14D180K	5	11	AC	1	N/A	-40	105	Ld-Ld	-	60	11	18	0.5	N/A	1
14D181K	5	115	AC	1	N/A	-40	105	Ld-Ld	-	390	115	180	2	N/A	1
14D201K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	660	130	200	3	N/A	1
14D221K	5	140	AC	1	N/A	-40	105	Ld-Ld	-	690	140	220	3	N/A	1
14D241K	5	150	AC	1	N/A	-40	105	Ld-Ld	-	720	150	240	3	N/A	1
14D271K	5	175	AC	1	N/A	-40	105	Ld-Ld	-	800	175	270	3	N/A	1
14D301K	5	190	AC	1	N/A	-40	105	Ld-Ld	-	840	190	300	3	N/A	1
14D331K	5	210	AC	1	N/A	-40	105	Ld-Ld	-	890	210	330	3	N/A	1
14D361K	5	230	AC	1	N/A	-40	105	Ld-Ld	-	930	230	360	3	N/A	1
14D391K	5	250	AC	1	N/A	-40	105	Ld-Ld	-	980	250	390	3	N/A	1
14D431K	5	275	AC	1	N/A	-40	105	Ld-Ld	-	1040	275	430	3	N/A	1
14D471K	5	300	AC	1	N/A	-40	105	Ld-Ld	-	1100	300	470	3	N/A	1
14D511K	5	320	AC	1	N/A	-40	105	Ld-Ld	-	1180	320	510	3	N/A	1
14D561K	5	350	AC	1	N/A	-40	105	Ld-Ld	-	1290	350	560	3	N/A	1
14D621K	5	385	AC	1	N/A	-40	105	Ld-Ld	-	1430	385	620	3	N/A	1
14D681K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1560	420	680	3	N/A	1
14D711K	5	440	AC	1	N/A	-40	105	Ld-Ld	-	1640	440	710	3	N/A	1
14D751K	5	460	AC	1	N/A	-40	105	Ld-Ld	-	1710	460	750	3	N/A	1
14D781K	5	485	AC	1	N/A	-40	105	Ld-Ld	-	1810	485	780	3	N/A	1
14D820K	5	50	AC	1	N/A	-40	105	Ld-Ld	-	240	50	80	2	N/A	1
14D821K	5	510	AC	1	N/A	-40	105	Ld-Ld	-	1900	510	820	3	N/A	1

14D911K	5	550	AC	1	N/A	-40	105	Ld-Ld	-	2050	550	910	3	N/A	1
14E102K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	3	n/a	1
14E112K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	3	n/a	1
14E751K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
14E781K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1730	250	780	3	n/a	1
14E821K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1590	250	820	3	n/a	1
14E911K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	3	n/a	1
14M102K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	3	n/a	1
14M112K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	3	n/a	1
14M751K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
14M781K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1730	250	780	3	n/a	1
14M821K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1590	250	820	3	n/a	1
14M911K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	3	n/a	1
14N102K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	3	n/a	1
14N112K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	3	n/a	1
14N751K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
14N781K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1730	250	780	3	n/a	1
14N821K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1590	250	820	3	n/a	1
14N911K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	3	n/a	1
151KA05	5	130	AC	1	N/A	-40	105	Ld-Ld	-	280	95	150	0.1	N/A	1
151KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	300	95	150	0.25	N/A	1
151KD05	5	95	AC	1	N/A	-40	105	Ld-Ld	-	280	95	150	0.1	N/A	1
151KD07	5	95	AC	1	N/A	-40	105	Ld-Ld	-	300	95	150	0.25	N/A	1
151KD10	5	95	AC	1	N/A	-40	105	Ld-Ld	-	310	95	150	1	N/A	1
151KD14	5	95	AC	1	N/A	-40	105	Ld-Ld	-	340	95	150	2	N/A	1
151KD20	5	95	AC	1	N/A	-40	105	Ld-Ld	-	310	95	150	2.5	N/A	1
180KD05	5	11	AC	1	N/A	-40	105	Ld-Ld	-	50	11	18	0.05	N/A	1
180KD07	5	11	AC	1	N/A	-40	105	Ld-Ld	-	50	11	18	0.1	N/A	1
180KD10	5	11	AC	1	N/A	-40	105	Ld-Ld	-	50	11	18	0.25	N/A	1
180KD14	5	11	AC	1	N/A	-40	105	Ld-Ld	-	60	11	18	0.5	N/A	1
180KD20	5	11	AC	1	N/A	-40	105	Ld-Ld	-	60	11	18	1	N/A	1
181KA05	5	130	AC	1	N/A	-40	105	Ld-Ld	-	330	115	180	0.1	N/A	1
181KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	340	115	180	0.25	N/A	1
181KA10	5	420	AC	1	N/A	-40	105	Ld-Ld	-	360	115	180	1	N/A	1
181KD05	5	115	AC	1	N/A	-40	105	Ld-Ld	-	330	115	180	0.1	N/A	1
181KD07	5	115	AC	1	N/A	-40	105	Ld-Ld	-	340	115	180	0.25	N/A	1
181KD10	5	115	AC	1	N/A	-40	105	Ld-Ld	-	360	115	180	1	N/A	1
181KD14	5	115	AC	1	N/A	-40	105	Ld-Ld	-	390	115	180	2	N/A	1
181KD20	5	115	AC	1	N/A	-40	105	Ld-Ld	-	350	115	180	2.5	N/A	1
20(A)102K*	4CA	625	AC	1	n/a	-	85	Ld-Ld	-	1910	625	1000	3	n/a	1
20(A)112K*	4CA	680	AC	1	n/a	-	85	Ld-Ld	-	2040	680	1100	3	n/a	1
20(A)122K*	4CA	750	AC	1	n/a	-	85	Ld-Ld	-	2210	750	1200	3	n/a	1
20(A)431K*	4CA	275	AC	1	n/a	-	85	Ld-Ld	-	900	275	430	3	n/a	1
20(A)471K*	4CA	320	AC	1	n/a	-	85	Ld-Ld	-	900	300	470	3	n/a	1
20(A)511K*	4CA	320	AC	1	n/a	-	85	Ld-Ld	-	1060	320	510	3	n/a	1
20(A)561K*	4CA	350	AC	1	n/a	-	85	Ld-Ld	-	1160	350	560	3	n/a	1
20(A)621K*	4CA	385	AC	1	n/a	-	85	Ld-Ld	-	1260	385	620	3	n/a	1
20(A)681K*	4CA	420	AC	1	n/a	-	85	Ld-Ld	-	1370	420	680	3	n/a	1
20(A)751K*	4CA	460	AC	1	n/a	-	85	Ld-Ld	-	1480	460	750	3	n/a	1
20(A)781K*	4CA	480	AC	1	n/a	-	85	Ld-Ld	-	1560	485	780	3	n/a	1

20(A)821K*	4CA	510	AC	1	n/a	-	85	Ld-Ld	-	1630	510	820	3	n/a	1
20(A)911K*	4CA	550	AC	1	n/a	-	85	Ld-Ld	-	1730	550	910	3	n/a	1
201KA05	5	420	AC	1	N/A	-40	105	Ld-Ld	-	410	130	200	0.25	N/A	1
201KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	440	130	200	0.5	N/A	1
201KA10	5	420	AC	1	N/A	-40	105	Ld-Ld	-	650	130	200	3	N/A	1
201KD05	5	130	AC	1	N/A	-40	105	Ld-Ld	-	410	130	200	0.25	N/A	1
201KD07	5	130	AC	1	N/A	-40	105	Ld-Ld	-	440	130	200	0.5	N/A	1
201KD10	5	130	AC	1	N/A	-40	105	Ld-Ld	-	650	130	200	3	N/A	1
201KD14	5	130	AC	1	N/A	-40	105	Ld-Ld	-	660	130	200	3	N/A	1
201KD20	5	130	AC	1	N/A	-40	105	Ld-Ld	-	610	130	200	3	N/A	1
201KD25	5	130	AC	1	N/A	-40	105	Ld-Ld	-	770	130	200	5	N/A	1
20D101K	5	60	AC	1	N/A	-40	105	Ld-Ld	-	240	60	100	2.5	N/A	1
20D121K	5	75	AC	1	N/A	-40	105	Ld-Ld	-	270	75	120	2.5	N/A	1
20D151K	5	95	AC	1	N/A	-40	105	Ld-Ld	-	310	95	150	2.5	N/A	1
20D180K	5	11	AC	1	N/A	-40	105	Ld-Ld	-	60	11	18	1	N/A	1
20D181K	5	115	AC	1	N/A	-40	105	Ld-Ld	-	350	115	180	2.5	N/A	1
20D201K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	610	130	200	3	N/A	1
20D220K	5	14	AC	1	N/A	-40	105	Ld-Ld	-	70	14	22	1	N/A	1
20D221K	5	140	AC	1	N/A	-40	105	Ld-Ld	-	640	140	220	3	N/A	1
20D241K	5	150	AC	1	N/A	-40	105	Ld-Ld	-	660	150	240	3	N/A	1
20D270K	5	17	AC	1	N/A	-40	105	Ld-Ld	-	80	17	27	1	N/A	1
20D271K	5	175	AC	1	N/A	-40	105	Ld-Ld	-	730	175	270	3	N/A	1
20D301K	5	190	AC	1	N/A	-40	105	Ld-Ld	-	770	190	300	3	N/A	1
20D330K	5	20	AC	1	N/A	-40	105	Ld-Ld	-	90	20	33	1	N/A	1
20D331K	5	210	AC	1	N/A	-40	105	Ld-Ld	-	820	210	330	3	N/A	1
20D361K	5	230	AC	1	N/A	-40	105	Ld-Ld	-	860	230	360	3	N/A	1
20D391K	5	250	AC	1	N/A	-40	105	Ld-Ld	-	910	250	390	3	N/A	1
20D431K	5	275	AC	1	N/A	-40	105	Ld-Ld	-	960	275	430	3	N/A	1
20D471K	5	300	AC	1	N/A	-40	105	Ld-Ld	-	1020	300	470	3	N/A	1
20D511K	5	320	AC	1	N/A	-40	105	Ld-Ld	-	1090	320	510	3	N/A	1
20D561K	5	350	AC	1	N/A	-40	105	Ld-Ld	-	1190	350	560	3	N/A	1
20D621K	5	385	AC	1	N/A	-40	105	Ld-Ld	-	1310	385	620	3	N/A	1
20D681K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1430	420	680	3	N/A	1
20D820K	5	50	AC	1	N/A	-40	105	Ld-Ld	-	220	50	80	2.5	N/A	1
20E102K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	5	n/a	1
20E112K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	5	n/a	1
20E122K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2670	250	1200	5	n/a	1
20E751K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1370	250	750	5	n/a	1
20E781K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1450	250	780	5	n/a	1
20E821K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1540	250	820	5	n/a	1
20E911K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	5	n/a	1
20M102K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	5	n/a	1
20M112K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	5	n/a	1
20M122K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2670	250	1200	5	n/a	1
20M751K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1370	250	750	5	n/a	1
20M781K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1450	250	780	5	n/a	1
20M821K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1540	250	820	5	n/a	1
20M911K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	5	n/a	1
20N102K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	1000	5	n/a	1
20N112K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1970	250	1100	5	n/a	1

20N122K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2670	250	1200	5	n/a	1
20N751K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1370	250	750	5	n/a	1
20N781K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1450	250	780	5	n/a	1
20N821K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1540	250	820	5	n/a	1
20N911K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	5	n/a	1
220KD05	5	14	AC	1	N/A	-40	105	Ld-Ld	-	60	14	22	0.05	N/A	1
220KD07	5	14	AC	1	N/A	-40	105	Ld-Ld	-	60	14	22	0.1	N/A	1
220KD10	5	14	AC	1	N/A	-40	105	Ld-Ld	-	60	14	22	0.25	N/A	1
220KD20	5	14	AC	1	N/A	-40	105	Ld-Ld	-	70	14	22	1	N/A	1
221KA05	5	420	AC	1	N/A	-40	105	Ld-Ld	-	450	140	220	0.25	N/A	1
221KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	470	140	220	0.5	N/A	1
221KA10	5	130	AC	1	N/A	-40	105	Ld-Ld	-	690	140	220	3	N/A	1
221KD05	5	140	AC	1	N/A	-40	105	Ld-Ld	-	450	140	220	0.25	N/A	1
221KD07	5	140	AC	1	N/A	-40	105	Ld-Ld	-	470	140	220	0.5	N/A	1
221KD10	5	140	AC	1	N/A	-40	105	Ld-Ld	-	690	140	220	3	N/A	1
221KD14	5	140	AC	1	N/A	-40	105	Ld-Ld	-	690	140	220	3	N/A	1
221KD20	5	140	AC	1	N/A	-40	105	Ld-Ld	-	640	140	220	3	N/A	1
241KA05	5	130	AC	1	N/A	-40	105	Ld-Ld	-	480	150	240	0.25	N/A	1
241KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	510	150	240	0.5	N/A	1
241KA10	5	130	AC	1	N/A	-40	105	Ld-Ld	-	730	150	240	3	N/A	1
241KD05	5	150	AC	1	N/A	-40	105	Ld-Ld	-	480	150	240	0.25	N/A	1
241KD07	5	150	AC	1	N/A	-40	105	Ld-Ld	-	510	150	240	0.5	N/A	1
241KD10	5	150	AC	1	N/A	-40	105	Ld-Ld	-	730	150	240	3	N/A	1
241KD14	5	150	AC	1	N/A	-40	105	Ld-Ld	-	720	150	240	3	N/A	1
241KD20	5	150	AC	1	N/A	-40	105	Ld-Ld	-	660	150	240	3	N/A	1
25D201K	5	130	AC	1	N/A	-40	105	Ld-Ld	-	770	130	200	5	N/A	1
25D681K	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1460	420	680	3	N/A	1
25E102K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2120	250	1000	3	n/a	1
25E112K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2290	250	1100	3	n/a	1
25E122K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2460	250	1200	3	n/a	1
25E751K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
25E781K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1780	250	780	3	n/a	1
25E821K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	820	3	n/a	1
25E911K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1980	250	910	3	n/a	1
25M102K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2120	250	1000	3	n/a	1
25M112K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2290	250	1100	3	n/a	1
25M122K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2460	250	1200	3	n/a	1
25M751K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
25M781K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1780	250	780	3	n/a	1
25M821K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	820	3	n/a	1
25M911K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1980	250	910	3	n/a	1
25N102K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2120	250	1000	3	n/a	1
25N112K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2290	250	1100	3	n/a	1
25N122K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	2460	250	1200	3	n/a	1
25N751K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
25N781K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1780	250	780	3	n/a	1
25N821K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	820	3	n/a	1
25N911K#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1980	250	910	3	n/a	1
270KD05	5	17	AC	1	N/A	-40	105	Ld-Ld	-	70	17	27	0.05	N/A	1

270KD07	5	17	AC	1	N/A	-40	105	Ld-Ld	-	70	17	27	0.1	N/A	1
270KD10	5	17	AC	1	N/A	-40	105	Ld-Ld	-	70	17	27	0.25	N/A	1
270KD20	5	17	AC	1	N/A	-40	105	Ld-Ld	-	80	17	27	1	N/A	1
271KA05	5	130	AC	1	N/A	-40	105	Ld-Ld	-	570	175	270	0.25	N/A	1
271KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	590	175	270	0.5	N/A	1
271KA10	5	420	AC	1	N/A	-40	105	Ld-Ld	-	830	175	270	3	N/A	1
271KD05	5	175	AC	1	N/A	-40	105	Ld-Ld	-	570	175	270	0.25	N/A	1
271KD07	5	175	AC	1	N/A	-40	105	Ld-Ld	-	590	175	270	0.5	N/A	1
271KD10	5	175	AC	1	N/A	-40	105	Ld-Ld	-	830	175	270	3	N/A	1
271KD14	5	175	AC	1	N/A	-40	105	Ld-Ld	-	800	175	270	3	N/A	1
271KD20	5	175	AC	1	N/A	-40	105	Ld-Ld	-	730	175	270	3	N/A	1
301KA05	5	420	AC	1	N/A	-40	105	Ld-Ld	-	620	190	300	0.25	N/A	1
301KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	640	190	300	0.5	N/A	1
301KA10	5	420	AC	1	N/A	-40	105	Ld-Ld	-	890	190	300	3	N/A	1
301KD05	5	190	AC	1	N/A	-40	105	Ld-Ld	-	620	190	300	0.25	N/A	1
301KD07	5	190	AC	1	N/A	-40	105	Ld-Ld	-	640	190	300	0.5	N/A	1
301KD10	5	190	AC	1	N/A	-40	105	Ld-Ld	-	890	190	300	3	N/A	1
301KD14	5	190	AC	1	N/A	-40	105	Ld-Ld	-	840	190	300	3	N/A	1
301KD20	5	190	AC	1	N/A	-40	105	Ld-Ld	-	770	190	300	3	N/A	1
330KD05	5	20	AC	1	N/A	-40	105	Ld-Ld	-	80	20	33	0.05	N/A	1
330KD07	5	20	AC	1	N/A	-40	105	Ld-Ld	-	80	20	33	0.1	N/A	1
330KD10	5	20	AC	1	N/A	-40	105	Ld-Ld	-	80	20	33	0.25	N/A	1
330KD20	5	20	AC	1	N/A	-40	105	Ld-Ld	-	90	20	33	1	N/A	1
331KA05	5	420	AC	1	N/A	-40	105	Ld-Ld	-	650	210	330	0.25	N/A	1
331KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	680	210	330	0.5	N/A	1
331KA10	5	130	AC	1	N/A	-40	105	Ld-Ld	-	950	210	330	3	N/A	1
331KD05	5	210	AC	1	N/A	-40	105	Ld-Ld	-	650	210	330	0.25	N/A	1
331KD07	5	210	AC	1	N/A	-40	105	Ld-Ld	-	680	210	330	0.5	N/A	1
331KD10	5	210	AC	1	N/A	-40	105	Ld-Ld	-	950	210	330	3	N/A	1
331KD14	5	210	AC	1	N/A	-40	105	Ld-Ld	-	890	210	330	3	N/A	1
331KD20	5	210	AC	1	N/A	-40	105	Ld-Ld	-	820	210	330	3	N/A	1
361KA05	5	130	AC	1	N/A	-40	105	Ld-Ld	-	690	230	360	0.25	N/A	1
361KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	720	230	360	0.5	N/A	1
361KA10	5	130	AC	1	N/A	-40	105	Ld-Ld	-	1010	230	360	3	N/A	1
361KD05	5	230	AC	1	N/A	-40	105	Ld-Ld	-	690	230	360	0.25	N/A	1
361KD07	5	230	AC	1	N/A	-40	105	Ld-Ld	-	720	230	360	0.5	N/A	1
361KD10	5	230	AC	1	N/A	-40	105	Ld-Ld	-	1010	230	360	3	N/A	1
361KD14	5	230	AC	1	N/A	-40	105	Ld-Ld	-	930	230	360	3	N/A	1
361KD20	5	230	AC	1	N/A	-40	105	Ld-Ld	-	860	230	360	3	N/A	1
391KA05	5	130	AC	1	N/A	-40	105	Ld-Ld	-	720	250	390	0.25	N/A	1
391KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	770	250	390	0.5	N/A	1
391KA10	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1080	250	390	3	N/A	1
391KD05	5	250	AC	1	N/A	-40	105	Ld-Ld	-	720	250	390	0.25	N/A	1
391KD07	5	250	AC	1	N/A	-40	105	Ld-Ld	-	770	250	390	0.5	N/A	1
391KD10	5	250	AC	1	N/A	-40	105	Ld-Ld	-	1080	250	390	3	N/A	1
391KD14	5	250	AC	1	N/A	-40	105	Ld-Ld	-	980	250	390	3	N/A	1
391KD20	5	250	AC	1	N/A	-40	105	Ld-Ld	-	910	250	390	3	N/A	1
431KA05	5	420	AC	1	N/A	-40	105	Ld-Ld	-	770	275	430	0.25	N/A	1
431KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	820	275	430	0.5	N/A	1
431KA10	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1150	275	430	3	N/A	1

431KD05	5	275	AC	1	N/A	-40	105	Ld-Ld	-	770	275	430	0.25	N/A	1
431KD07	5	275	AC	1	N/A	-40	105	Ld-Ld	-	820	275	430	0.5	N/A	1
431KD10	5	275	AC	1	N/A	-40	105	Ld-Ld	-	1150	275	430	3	N/A	1
431KD14	5	275	AC	1	N/A	-40	105	Ld-Ld	-	1040	275	430	3	N/A	1
431KD20	5	275	AC	1	N/A	-40	105	Ld-Ld	-	960	275	430	3	N/A	1
471KA05	5	420	AC	1	N/A	-40	105	Ld-Ld	-	810	300	470	0.25	N/A	1
471KA07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	870	300	470	0.5	N/A	1
471KD05	5	300	AC	1	N/A	-40	105	Ld-Ld	-	810	300	470	0.25	N/A	1
471KD07	5	300	AC	1	N/A	-40	105	Ld-Ld	-	870	300	470	0.5	N/A	1
471KD10	5	300	AC	1	N/A	-40	105	Ld-Ld	-	1230	300	470	3	N/A	1
471KD14	5	300	AC	1	N/A	-40	105	Ld-Ld	-	1100	300	470	3	N/A	1
471KD20	5	300	AC	1	N/A	-40	105	Ld-Ld	-	1020	300	470	3	N/A	1
511KD05	5	320	AC	1	N/A	-40	105	Ld-Ld	-	880	320	510	0.25	N/A	1
511KD07	5	320	AC	1	N/A	-40	105	Ld-Ld	-	940	320	510	0.5	N/A	1
511KD10	5	320	AC	1	N/A	-40	105	Ld-Ld	-	1310	320	510	3	N/A	1
511KD14	5	320	AC	1	N/A	-40	105	Ld-Ld	-	1180	320	510	3	N/A	1
511KD20	5	320	AC	1	N/A	-40	105	Ld-Ld	-	1090	320	510	3	N/A	1
561KD05	5	350	AC	1	N/A	-40	105	Ld-Ld	-	990	350	560	0.25	N/A	1
561KD07	5	350	AC	1	N/A	-40	105	Ld-Ld	-	1050	350	560	0.5	N/A	1
561KD10	5	350	AC	1	N/A	-40	105	Ld-Ld	-	1420	350	560	3	N/A	1
561KD14	5	350	AC	1	N/A	-40	105	Ld-Ld	-	1290	350	560	3	N/A	1
561KD20	5	350	AC	1	N/A	-40	105	Ld-Ld	-	1190	350	560	3	N/A	1
621KD05	5	385	AC	1	N/A	-40	105	Ld-Ld	-	1110	385	620	0.25	N/A	1
621KD07	5	385	AC	1	N/A	-40	105	Ld-Ld	-	1180	385	620	0.5	N/A	1
621KD10	5	385	AC	1	N/A	-40	105	Ld-Ld	-	1550	385	620	3	N/A	1
621KD14	5	385	AC	1	N/A	-40	105	Ld-Ld	-	1430	385	620	3	N/A	1
621KD20	5	385	AC	1	N/A	-40	105	Ld-Ld	-	1310	385	620	3	N/A	1
681KD05	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1230	420	680	0.25	N/A	1
681KD07	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1310	420	680	0.5	N/A	1
681KD10	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1680	420	680	3	N/A	1
681KD14	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1560	420	680	3	N/A	1
681KD20	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1430	420	680	3	N/A	1
681KD25	5	420	AC	1	N/A	-40	105	Ld-Ld	-	1460	420	680	3	N/A	1
711KD05	5	440	AC	1	N/A	-40	105	Ld-Ld	-	1300	440	510	0.25	N/A	1
711KD07	5	440	AC	1	N/A	-40	105	Ld-Ld	-	1380	440	710	0.5	N/A	1
711KD14	5	440	AC	1	N/A	-40	105	Ld-Ld	-	1640	440	710	3	N/A	1
751KD05	5	460	AC	1	N/A	-40	105	Ld-Ld	-	1370	460	750	0.25	N/A	1
751KD07	5	460	AC	1	N/A	-40	105	Ld-Ld	-	1450	460	750	0.5	N/A	1
751KD14	5	460	AC	1	N/A	-40	105	Ld-Ld	-	1710	460	750	3	N/A	1
751KE14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
751KE20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1370	250	750	5	n/a	1
751KE25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
751KM14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
751KM20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1370	250	750	5	n/a	1
751KM25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
751KN14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
751KN20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1370	250	750	5	n/a	1
751KN25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1720	250	750	3	n/a	1
781KD05	5	485	AC	1	N/A	-40	105	Ld-Ld	-	1470	485	780	0.25	N/A	1
781KD07	5	485	AC	1	N/A	-40	105	Ld-Ld	-	1530	485	780	0.5	N/A	1

781KD14	5	485	AC	1	N/A	-40	105	Ld-Ld	-	1810	485	780	3	N/A	1
781KE14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1730	250	780	3	n/a	1
781KE20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1450	250	780	5	n/a	1
781KE25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1780	250	780	3	n/a	1
781KM14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1730	250	780	3	n/a	1
781KM20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1450	250	780	5	n/a	1
781KM25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1780	250	780	3	n/a	1
781KN14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1730	250	780	3	n/a	1
781KN20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1450	250	780	5	n/a	1
781KN25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1780	250	780	3	n/a	1
820KD05	5	50	AC	1	N/A	-40	105	Ld-Ld	-	170	50	80	0.1	N/A	1
820KD07	5	50	AC	1	N/A	-40	105	Ld-Ld	-	220	50	80	0.25	N/A	1
820KD10	5	50	AC	1	N/A	-40	105	Ld-Ld	-	200	50	80	1	N/A	1
820KD14	5	50	AC	1	N/A	-40	105	Ld-Ld	-	240	50	80	2	N/A	1
820KD20	5	50	AC	1	N/A	-40	105	Ld-Ld	-	220	50	80	2.5	N/A	1
821KD05	5	510	AC	1	N/A	-40	105	Ld-Ld	-	1560	510	820	0.25	N/A	1
821KD07	5	510	AC	1	N/A	-40	105	Ld-Ld	-	1610	510	820	0.5	N/A	1
821KD14	5	510	AC	1	N/A	-40	105	Ld-Ld	-	1900	510	820	3	N/A	1
821KE14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1590	250	820	3	n/a	1
821KE20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1540	250	820	5	n/a	1
821KE25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	820	3	n/a	1
821KM14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1590	250	820	3	n/a	1
821KM20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1540	250	820	5	n/a	1
821KM25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	820	3	n/a	1
821KN14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1590	250	820	3	n/a	1
821KN20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1540	250	820	5	n/a	1
821KN25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1830	250	820	3	n/a	1
911KD05	5	550	AC	1	N/A	-40	105	Ld-Ld	-	1700	550	910	0.25	N/A	1
911KD07	5	550	AC	1	N/A	-40	105	Ld-Ld	-	1750	550	910	0.5	N/A	1
911KD14	5	550	AC	1	N/A	-40	105	Ld-Ld	-	2050	550	910	3	N/A	1
911KE14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	3	n/a	1
911KE20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	5	n/a	1
911KE25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1980	250	910	3	n/a	1
911KM14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	3	n/a	1
911KM20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	5	n/a	1
911KM25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1980	250	910	3	n/a	1
911KN14#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	3	n/a	1
911KN20#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1650	250	910	5	n/a	1
911KN25#	4CA	250	AC	1	n/a	-	85	Ld-Ld	-	1980	250	910	3	n/a	1
HFB-430L%	5	310	AC	1	n/a	-	85	Ld-Ld	-	580	310	n/a	5	n/a	1
HFC-430L%	5	310	AC	1	n/a	-	85	Ld-Ld	-	620	310	n/a	10	n/a	1
Gas Tubes															
2R(\$) 1000L	5	250	AC	1	n/a	-	85	Ld-Ld	-	2360	250	n/a	3	n/a	1
2R(\$) 1000L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2360	250	n/a	3	n/a	1
2R(\$) 1000M	5	250	AC	1	n/a	-	85	Ld-Ld	-	2360	250	n/a	3	n/a	1
2R(\$) 1000M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2360	250	n/a	3	n/a	1,3
2R(\$) 2000L	5	250	AC	1	n/a	-	85	Ld-Ld	-	3680	250	n/a	3	n/a	1
2R(\$) 2000L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	3680	250	n/a	3	n/a	1,3
2R(\$) 2000M	5	250	AC	1	n/a	-	85	Ld-Ld	-	3680	250	n/a	3	n/a	1

2R(\$) 2000M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	3680	250	n/a	3	n/a	1,3
2R(\$) 2500L	5	250	AC	1	n/a	-	85	Ld-Ld	-	4300	250	n/a	3	n/a	1
2R(\$) 2500L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	4300	250	n/a	3	n/a	1,3
2R(\$) 2500M	5	250	AC	1	n/a	-	85	Ld-Ld	-	4300	250	n/a	3	n/a	1
2R(\$) 2500M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	4300	250	n/a	3	n/a	1,3
2R(\$) 600L	5	250	AC	1	n/a	-	85	Ld-Ld	-	2040	250	n/a	10	n/a	1
2R(\$) 600L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2040	250	n/a	10	n/a	1,3
2R(\$) 600M	5	250	AC	1	n/a	-	85	Ld-Ld	-	2040	250	n/a	10	n/a	1
2R(\$) 600M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2040	250	n/a	10	n/a	1,3
2R(\$) 800L	5	250	AC	1	n/a	-	85	Ld-Ld	-	2310	250	n/a	10	n/a	1
2R(\$) 800L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2310	250	n/a	10	n/a	1,3
2R(\$) 800M	5	250	AC	1	n/a	-	85	Ld-Ld	-	2310	250	n/a	10	n/a	1
2R(\$) 800M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2310	250	n/a	10	n/a	1,3
2R(&) 1000L	5	250	AC	1	n/a	-	85	Ld-Ld	-	2240	250	n/a	5	n/a	1
2R(&) 1000L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2240	250	n/a	5	n/a	1,3
2R(&) 1000M	5	250	AC	1	n/a	-	85	Ld-Ld	-	2240	250	n/a	5	n/a	1
2R(&) 1000M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2240	250	n/a	5	n/a	1,3
2R(&) 2000L	5	250	AC	1	n/a	-	85	Ld-Ld	-	3760	250	n/a	5	n/a	1
2R(&) 2000L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	3760	250	n/a	5	n/a	1,3
2R(&) 2000M	5	250	AC	1	n/a	-	85	Ld-Ld	-	3760	250	n/a	5	n/a	1
2R(&) 2000M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	3760	250	n/a	5	n/a	1,3
2R(&) 2500L	5	250	AC	1	n/a	-	85	Ld-Ld	-	4500	250	n/a	5	n/a	1
2R(&) 2500L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	4500	250	n/a	5	n/a	1,3
2R(&) 2500M	5	250	AC	1	n/a	-	85	Ld-Ld	-	4500	250	n/a	5	n/a	1
2R(&) 2500M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	4500	250	n/a	5	n/a	1,3
2R(&) 600L	5	250	AC	1	n/a	-	85	Ld-Ld	-	1400	250	n/a	5	n/a	1
2R(&) 600L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	1400	250	n/a	5	n/a	1,3
2R(&) 600M	5	250	AC	1	n/a	-	85	Ld-Ld	-	1400	250	n/a	5	n/a	1
2R(&) 600M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	1400	250	n/a	5	n/a	1,3
2R(&) 800L	5	250	AC	1	n/a	-	85	Ld-Ld	-	1880	250	n/a	5	n/a	1
2R(&) 800L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	1880	250	n/a	5	n/a	1,3
2R(&) 800M	5	250	AC	1	n/a	-	85	Ld-Ld	-	1880	250	n/a	5	n/a	1
2R(&) 800M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	1880	250	n/a	5	n/a	1,3
2R(@) 1200L	5	250	AC	1	n/a	-	85	Ld-Ld	-	2600	250	n/a	3	n/a	1
2R(@) 1200L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2600	250	n/a	3	n/a	1,3
2R(@) 1200M	5	250	AC	1	n/a	-	85	Ld-Ld	-	2600	250	n/a	3	n/a	1
2R(@) 1200M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2600	250	n/a	3	n/a	1,3
2R(@) 1400L	5	250	AC	1	n/a	-	85	Ld-Ld	-	2910	250	n/a	5	n/a	1
2R(@) 1400L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2910	250	n/a	5	n/a	1,3
2R(@) 1400M	5	250	AC	1	n/a	-	85	Ld-Ld	-	2910	250	n/a	5	n/a	1
2R(@) 1400M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	2910	250	n/a	5	n/a	1,3
2R(@) 1600L	5	250	AC	1	n/a	-	85	Ld-Ld	-	3150	250	n/a	5	n/a	1
2R(@) 1600L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	1400	250	n/a	5	n/a	1,3
2R(@) 1600M	5	250	AC	1	n/a	-	85	Ld-Ld	-	3150	250	n/a	5	n/a	1
2R(@) 1600M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	3150	250	n/a	5	n/a	1,3
2R(@) 2700L	5	250	AC	1	n/a	-	85	Ld-Ld	-	5420	250	n/a	3	n/a	1
2R(@) 2700L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	5420	250	n/a	3	n/a	1,3
2R(@) 2700M	5	250	AC	1	n/a	-	85	Ld-Ld	-	5420	250	n/a	3	n/a	1
2R(@) 2700M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	5420	250	n/a	3	n/a	1,3
2R(@) 3000L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	5030	250	n/a	3	n/a	1,3

2R(@)3000M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	5030	250	n/a	3	n/a	1, 3
2R(@)3500L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	5710	250	n/a	3	n/a	1, 3
2R(@)3500M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	5710	250	n/a	3	n/a	1, 3
2R(@)3600L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	6020	250	n/a	3	n/a	1, 3
2R(@)3600M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	6020	250	n/a	3	n/a	1, 3
2R(@)4000L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	5880	250	n/a	3	n/a	1, 3
2R(@)4000M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	5880	250	n/a	3	n/a	1, 3
2R(@)5000L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	6150	250	n/a	3	n/a	1, 3
2R(@)5000M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	6150	250	n/a	3	n/a	1, 3
2R(@)6000L+	5	250	AC	1	n/a	-	85	Ld-Ld	-	8110	250	n/a	3	n/a	1, 3
2R(@)6000M+	5	250	AC	1	n/a	-	85	Ld-Ld	-	8110	250	n/a	3	n/a	1, 3

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.

- May be followed by A thru Z or 0 thru 9.

% - All models may be prefix or/and suffix with A thru Z or/and 0 thru 9 or/and any symbol, numbers, letters, except #, (a), +

(\$) - (\$) represents K, H, M, O, P, W, Z, Y or blank



(&) - (&) represents F, S, E, T, A, B, N, C, L or blank

(@) - (@) represents K, H, M, O, P, W, Z, Y, F, S, E, T, A, B, N, C, L or blank

(a) - All models may be prefixed by trademark and/or followed by A thru Z or 0 thru 9.

* - Each model may be prefixed by "ZOV" and/or suffixed by "X", where "X" may be blank, any character from A to Z or any number from 0 to 9.

+ - May be followed by X, where X= 0 thru 9; all models may be prefix or/and suffix with A thru Z or/and 0 thru 9.

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

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