

# TRANSIENT VOLTAGE SUPPRESSOR瞬态电压抑制器

## 1. Transient Voltage Suppressor

Uni-Directional Part Number	Bid-Directional Part Number	Marking		$V_{WM}(V)$	$V_{BR}(V) @ I_t$		$I_t (mA)$	$V_C (V)$	$I_{ppm} (A)$	$I_R (\mu A)$	Package
		Uni	Bid		Min	Max					
SODJ5.0A-SH	SODJ5.0CA-SH	KE	AE	5	6.4	7	10	9.2	21.7	400	SOD123FL
SODJ6.0A-SH	SODJ6.0CA-SH	KG	AG	6	6.67	7.37	10	10.3	19.4	400	SOD123FL
SODJ6.5A-SH	SODJ6.5CA-SH	KK	AK	6.5	7.22	7.98	10	11.2	17.8	250	SOD123FL
SODJ7.0A-SH	SODJ7.0CA-SH	KM	AM	7	7.78	8.6	10	12	16.6	100	SOD123FL
SODJ7.5A-SH	SODJ7.5CA-SH	KP	AP	7.5	8.33	9.21	1	12.9	15.5	50	SOD123FL
SODJ8.0A-SH	SODJ8.0CA-SH	KR	AR	8	8.89	9.83	1	13.6	14.7	25	SOD123FL
SODJ8.5A-SH	SODJ8.5CA-SH	KT	AT	8.5	9.44	10.4	1	14.4	13.8	10	SOD123FL
SODJ9.0A-SH	SODJ9.0CA-SH	KV	AV	9	10	11.1	1	15.4	12.9	5	SOD123FL
SODJ10A-SH	SODJ10CA-SH	KX	AX	10	11.1	12.3	1	17	11.7	2.5	SOD123FL
SODJ11A-SH	SODJ11CA-SH	KZ	AZ	11	12.2	13.5	1	18.2	10.9	2.5	SOD123FL
SODJ12A-SH	SODJ12CA-SH	LE	BE	12	13.3	14.7	1	19.9	10	2.5	SOD123FL
SODJ13A-SH	SODJ13CA-SH	LG	BG	13	14.4	15.9	1	21.5	9.3	1	SOD123FL
SODJ14A-SH	SODJ14CA-SH	LK	BK	14	15.6	17.2	1	23.2	8.6	1	SOD123FL
SODJ15A-SH	SODJ15CA-SH	LM	BM	15	16.7	18.5	1	24.4	8.1	1	SOD123FL
SODJ16A-SH	SODJ16CA-SH	LP	BP	16	17.8	19.7	1	26	7.6	1	SOD123FL
SODJ17A-SH	SODJ17CA-SH	LR	BR	17	18.9	20.9	1	27.6	7.2	1	SOD123FL
SODJ18A-SH	SODJ18CA-SH	LT	BT	18	20	22.1	1	29.2	6.8	1	SOD123FL
SODJ20A-SH	SODJ20CA-SH	LV	BV	20	22.2	24.5	1	32.4	6.1	1	SOD123FL
SODJ22A-SH	SODJ22CA-SH	LX	BZ	22	24.4	26.9	1	35.5	5.6	1	SOD123FL
SODJ24A-SH	SODJ24CA-SH	LZ	BZ	24	26.7	29.5	1	38.9	5.1	1	SOD123FL
SODJ26A-SH	SODJ26CA-SH	ME	CE	26	28.9	31.9	1	42.1	4.7	1	SOD123FL
SODJ28A-SH	SODJ28CA-SH	MG	CG	28	31.1	34.4	1	45.4	4.4	1	SOD123FL
SODJ30A-SH	SODJ30CA-SH	MK	CK	30	33.3	36.8	1	48.4	4.1	1	SOD123FL
SODJ33A-SH	SODJ33CA-SH	MM	CM	33	36.7	40.6	1	53.3	3.7	1	SOD123FL
SODJ36A-SH	SODJ36CA-SH	MP	CP	36	40	44.2	1	58.1	3.4	1	SOD123FL

SODJ40A-SH	SODJ40CA-SH	MR	CR	40	44.4	49.1	1	64.5	3.1	1	SOD123FL
SODJ43A-SH	SODJ43CA-SH	MT	CT	43	47.8	52.8	1	69.4	2.8	1	SOD123FL
SODJ45A-SH	SODJ45CA-SH	MV	CV	45	50	55.3	1	72.7	2.7	1	SOD123FL
SODJ48A-SH	SODJ48CA-SH	MX	CX	48	53.3	58.9	1	77.4	2.5	1	SOD123FL
SODJ51A-SH	SODJ51CA-SH	MZ	CZ	51	56.7	62.7	1	82.4	2.4	1	SOD123FL
SODJ54A-SH	SODJ54CA-SH	NE	DE	54	60	66.3	1	87.1	2.2	1	SOD123FL
SODJ58A-SH	SODJ58CA-SH	NG	DG	58	64.4	71.2	1	93.6	2.1	1	SOD123FL
SODJ60A-SH	SODJ60CA-SH	NK	DK	60	66.7	73.7	1	96.8	2	1	SOD123FL
SODJ64A-SH	SODJ64CA-SH	NM	DM	64	71.1	78.6	1	103	1.9	1	SOD123FL
SODJ70A-SH	SODJ70CA-SH	NP	DP	70	77.8	86	1	113	1.7	1	SOD123FL
SODJ75A-SH	SODJ75CA-SH	NR	DR	75	83.3	92.1	1	121	1.6	1	SOD123FL
SODJ78A-SH	SODJ78CA-SH	NT	DT	78	86.7	95.8	1	126	1.5	1	SOD123FL
SODJ85A-SH	SODJ85CA-SH	NV	DV	85	94.4	104	1	137	1.4	1	SOD123FL
SODJ90A-SH	SODJ90CA-SH	NX	DX	90	100	111	1	146	1.3	1	SOD123FL
SODJ100A-SH	SODJ100CA-SH	NZ	DZ	100	111	123	1	162	1.2	1	SOD123FL
SODJ110A-SH	SODJ110CA-SH	PE	EE	110	122	135	1	177	1.1	1	SOD123FL
SODJ120A-SH	SODJ120CA-SH	PG	EG	120	133	147	1	193	1	1	SOD123FL
SODJ130A-SH	SODJ130CA-SH	PK	EK	130	144	159	1	209	0.9	1	SOD123FL
SODJ150A-SH	SODJ150CA-SH	PM	EM	150	167	185	1	243	0.8	1	SOD123FL
SODJ160A-SH	SODJ160CA-SH	PP	EP	160	178	197	1	259	0.7	1	SOD123FL
SODJ170A-SH	SODJ170CA-SH	PR	ER	170	189	209	1	275	0.7	1	SOD123FL
SMAJ5.0	SMAJ5.0C	AD	AD	5	6.4	7.3	10	9.6	41.6	800	SMA
SMAJ5.0A	SMAJ5.0CA	AE	AE	5	6.4	7	10	9.2	43.5	800	SMA
SMAJ6.0	SMAJ6.0C	AF	AF	6	6.67	8.15	10	11.4	35.1	800	SMA
SMAJ6.0A	SMAJ6.0CA	AG	AG	6	6.67	7.37	10	10.3	38.8	800	SMA
SMAJ6.5	SMAJ6.5C	AH	AH	6.5	7.22	8.82	1	12.3	32.5	500	SMA
SMAJ6.5A	SMAJ6.5CA	AK	AK	6.5	7.22	7.98	1	11.2	35.7	500	SMA
SMAJ7.0	SMAJ7.0C	AL	AL	7	7.78	9.51	1	13.3	30.1	200	SMA
SMAJ7.0A	SMAJ7.0CA	AM	AM	7	7.78	8.6	1	12	33.3	200	SMA

SMAJ7.5	SMAJ7.5C	AN	AN	7.5	8.33	10.2	1	14.3	28	100	SMA
SMAJ7.5A	SMAJ7.5CA	AP	AP	7.5	8.33	9.21	1	12.9	31	100	SMA
SMAJ8.0	SMAJ8.0C	AQ	AQ	8	8.89	10.9	1	15	26.5	50	SMA
SMAJ8.0A	SMAJ8.0CA	AR	AR	8	8.89	9.83	1	13.6	29.4	50	SMA
SMAJ8.5	SMAJ8.5C	AS	AS	8.5	9.44	11.5	1	15.9	25.1	10	SMA
SMAJ8.5A	SMAJ8.5CA	AT	AT	8.5	9.44	10.4	1	14.4	27.7	10	SMA
SMAJ9.0	SMAJ9.0C	AU	AU	9	10	12.2	1	16.9	23.6	5	SMA
SMAJ9.0A	SMAJ9.0CA	AV	AV	9	10	11.1	1	15.4	26	5	SMA
SMAJ10	SMAJ10C	AW	AW	10	11.1	13.6	1	18.8	21.2	5	SMA
SMAJ10A	SMAJ10CA	AX	AX	10	11.1	12.3	1	17	23.5	5	SMA
SMAJ11	SMAJ11C	AY	AY	11	12.2	14.9	1	20.1	20	5	SMA
SMAJ11A	SMAJ11CA	AZ	AZ	11	12.2	13.5	1	18.2	22	5	SMA
SMAJ12	SMAJ12C	BD	BD	12	13.3	16.3	1	22	18.1	5	SMA
SMAJ12A	SMAJ12CA	BE	BE	12	13.3	14.7	1	19.9	20.1	5	SMA
SMAJ13	SMAJ13C	BF	BF	13	14.4	17.6	1	23.8	16.8	5	SMA
SMAJ13A	SMAJ13CA	BG	BG	13	14.4	15.9	1	21.5	18.6	5	SMA
SMAJ14	SMAJ14C	BH	BH	14	15.6	19.1	1	25.8	15.5	5	SMA
SMAJ14A	SMAJ14CA	BK	BK	14	15.6	17.2	1	23.2	17.2	5	SMA
SMAJ15	SMAJ15C	BL	BL	15	16.7	20.4	1	26.9	14.8	5	SMA
SMAJ15A	SMAJ15CA	BM	BM	15	16.7	18.5	1	24.4	16.4	5	SMA
SMAJ16	SMAJ16C	BN	BN	16	17.8	21.8	1	28.8	13.8	5	SMA
SMAJ16A	SMAJ16CA	BP	BP	16	17.8	19.7	1	26	15.3	5	SMA
SMAJ17	SMAJ17C	BQ	BQ	17	18.9	23.1	1	30.5	13.1	5	SMA
SMAJ17A	SMAJ17CA	BR	BR	17	18.9	20.9	1	27.6	14.5	5	SMA
SMAJ18	SMAJ18C	BS	BS	18	20	24.4	1	32.2	12.4	5	SMA
SMAJ18A	SMAJ18CA	BT	BT	18	20	22.1	1	29.2	13.7	5	SMA
SMAJ20	SMAJ20C	BU	BU	20	22.2	27.1	1	35.8	11.1	5	SMA
SMAJ20A	SMAJ20CA	BV	BV	20	22.2	24.5	1	32.4	12.3	5	SMA
SMAJ22	SMAJ22C	BW	BW	22	24.4	29.8	1	39.4	10.1	5	SMA

SMAJ22A	SMAJ22CA	BX	BX	22	24.4	26.9	1	35.5	11.2	5	SMA
SMAJ24	SMAJ24C	BY	BY	24	26.7	32.6	1	43	9.3	5	SMA
SMAJ24A	SMAJ24CA	BZ	BZ	24	26.7	29.5	1	38.9	10.3	5	SMA
SMAJ26	SMAJ26C	CD	CD	26	28.9	35.3	1	46.6	8.6	5	SMA
SMAJ26A	SMAJ26CA	CE	CE	26	28.9	31.9	1	42.1	9.5	5	SMA
SMAJ28	SMAJ28C	CF	CF	28	31.1	38	1	50.1	8	5	SMA
SMAJ28A	SMAJ28CA	CG	CG	28	31.1	34.4	1	45.4	8.8	5	SMA
SMAJ30	SMAJ30C	CH	CH	30	33.3	40.7	1	53.5	7.5	5	SMA
SMAJ30A	SMAJ30CA	CK	CK	30	33.3	36.8	1	48.4	8.3	5	SMA
SMAJ33	SMAJ33C	CL	CL	33	36.7	44.9	1	59	6.8	5	SMA
SMAJ33A	SMAJ33CA	CM	CM	33	36.7	40.6	1	53.3	7.5	5	SMA
SMAJ36	SMAJ36C	CN	CN	36	40	48.9	1	64.3	6.2	5	SMA
SMAJ36A	SMAJ36CA	CP	CP	36	40	44.2	1	58.1	6.9	5	SMA
SMAJ40	SMAJ40C	CQ	CQ	40	44.4	54.3	1	71.4	5.6	5	SMA
SMAJ40A	SMAJ40CA	CR	CR	40	44.4	49.1	1	64.5	6.2	5	SMA
SMAJ43	SMAJ43C	CS	CS	43	47.8	58.4	1	76.7	5.2	5	SMA
SMAJ43A	SMAJ43CA	CT	CT	43	47.8	52.8	1	69.4	5.7	5	SMA
SMAJ45	SMAJ45C	CU	CU	45	50	61.1	1	80.3	5	5	SMA
SMAJ45A	SMAJ45CA	CV	CV	45	50	55.3	1	72.7	5.5	5	SMA
SMAJ48	SMAJ48C	CW	CW	48	53.5	65.2	1	85.5	4.7	5	SMA
SMAJ48A	SMAJ48CA	CX	CX	48	53.5	58.9	1	77.4	5.2	5	SMA
SMAJ51	SMAJ51C	CY	CY	51	56.7	69.3	1	91.1	4.4	5	SMA
SMAJ51A	SMAJ51CA	CZ	CZ	51	56.7	62.7	1	82.4	4.9	5	SMA
SMAJ54	SMAJ54C	RD	RD	54	60	73.3	1	96.3	4.2	5	SMA
SMAJ54A	SMAJ54CA	RE	RE	54	60	66.3	1	87.1	4.6	5	SMA
SMAJ58	SMAJ58C	RF	RF	58	64.4	78.7	1	103	3.9	5	SMA
SMAJ58A	SMAJ58CA	RG	RG	58	64.4	71.2	1	93.6	4.3	5	SMA
SMAJ60	SMAJ60C	RH	RH	60	66.7	81.5	1	107	3.7	5	SMA
SMAJ60A	SMAJ60CA	RK	RK	60	66.7	73.7	1	113	4.1	5	SMA

SMAJ64	SMAJ64C	RL	RL	64	71.1	86.4	1	114	3.5	5	SMA
SMAJ64A	SMAJ64CA	RM	RM	64	71.1	78.6	1	103	3.9	5	SMA
SMAJ70	SMAJ70C	RN	RN	70	77.8	95.1	1	125	3.2	5	SMA
SMAJ70A	SMAJ70CA	RP	RP	70	77.8	86	1	113	4.1	5	SMA
SMAJ75	SMAJ75C	RQ	RQ	75	83.3	102	1	134	3	5	SMA
SMAJ75A	SMAJ75CA	RR	RR	75	83.3	92.1	1	121	3.3	5	SMA
SMAJ78	SMAJ78C	RS	RS	78	86.7	106	1	139	2.9	5	SMA
SMAJ78A	SMAJ78CA	RT	RT	78	86.7	95.8	1	126	2.2	5	SMA
SMAJ85	SMAJ85C	RU	RU	85	94.4	115	1	151	2.6	5	SMA
SMAJ85A	SMAJ85CA	RV	RV	85	94.4	104	1	137	2.9	5	SMA
SMAJ90	SMAJ90C	RW	RW	90	100	122	1	160	2.5	5	SMA
SMAJ90A	SMAJ90CA	RX	RX	90	100	111	1	146	2.7	5	SMA
SMAJ100	SMAJ100C	RY	RY	100	111	136	1	179	2.2	5	SMA
SMAJ100A	SMAJ100CA	RZ	RZ	100	111	123	1	156	2.5	5	SMA
SMAJ110	SMAJ110C	SD	SD	110	122	149	1	196	2	5	SMA
SMAJ110A	SMAJ110CA	SE	SE	110	122	135	1	177	2.3	5	SMA
SMAJ120	SMAJ120C	SF	SF	120	133	163	1	214	1.9	5	SMA
SMAJ120A	SMAJ120CA	SG	SG	120	133	147	1	193	2	5	SMA
SMAJ130	SMAJ130C	SH	SH	130	144	176	1	230	1.7	5	SMA
SMAJ130A	SMAJ130CA	SK	SK	130	144	159	1	209	1.9	5	SMA
SMAJ150	SMAJ150C	SL	SL	150	167	204	1	268	1.5	5	SMA
SMAJ150A	SMAJ150CA	SM	SM	150	167	185	1	243	1.6	5	SMA
SMAJ160	SMAJ160C	SN	SN	160	178	218	1	287	1.4	5	SMA
SMAJ160A	SMAJ160CA	SP	SP	160	178	197	1	259	1.4	5	SMA
SMAJ170	SMAJ170C	SQ	SQ	170	189	231	1	304	1.3	5	SMA
SMAJ170A	SMAJ170CA	SR	SR	170	189	209	1	275	1.4	5	SMA
SMAJ180A	SMAJ180CA	ST	ST	180	198	221	1	291	1.4	5	SMA
SMAJ190A	SMAJ190CA	SV	SV	190	209	231	1	307	1.3	5	SMA
SMAJ200A	SMAJ200CA	SX	SX	200	224	247	1	324	1.2	5	SMA

SMAJ220A	SMAJ220CA	SY	SY	220	246	272	1	356	1.1	5	SMA
SMAJ250A	SMAJ250CA	SZ	SZ	250	279	309	1	405	1	5	SMA
P6SMA6.8	P6SMA6.8C	6.8	6.8	5.5	6.12	7.48	10	10.8	55.6	1000	SMA
P6SMA6.8A	P6SMA6.8CA	6.8A	6.8A	5.8	6.45	7.14	10	10.5	57.1	1000	SMA
P6SMA7.5	P6SMA7.5C	7.5	7.5	6.05	6.75	8.25	10	11.7	51.3	500	SMA
P6SMA7.5A	P6SMA7.5CA	7.5A	7.5A	6.4	7.13	7.88	10	11.3	53.1	500	SMA
P6SMA8.2	P6SMA8.2C	8.2	8.2	6.63	7.38	9.02	10	12.5	48	200	SMA
P6SMA8.2A	P6SMA8.2CA	8.2A	8.2A	7.02	7.79	8.61	10	12.1	49.6	200	SMA
P6SMA9.1	P6SMA9.1C	9.1	9.1	7.37	8.19	10	1	13.8	43.5	50	SMA
P6SMA9.1A	P6SMA9.1CA	9.1A	9.1A	7.78	8.65	9.5	1	13.4	44.8	50	SMA
P6SMA10	P6SMA10C	10	10	8.1	9	11	1	15	40	10	SMA
P6SMA10A	P6SMA10CA	10A	10A	8.55	9.5	10.5	1	14.5	41.4	10	SMA
P6SMA11	P6SMA11C	11	11	8.92	9.9	12.1	1	16.2	37	1	SMA
P6SMA11A	P6SMA11CA	11A	11A	9.4	10.5	11.6	1	15.6	38.5	1	SMA
P6SMA12	P6SMA12C	12	12	9.72	10.8	13.2	1	17.3	34.7	1	SMA
P6SMA12A	P6SMA12CA	12A	12A	10.2	11.4	12.6	1	16.7	35.9	1	SMA
P6SMA13	P6SMA13C	13	13	10.5	11.7	14.3	1	19	31.6	1	SMA
P6SMA13A	P6SMA13CA	13A	13A	11.1	12.4	13.7	1	18.2	33	1	SMA
P6SMA15	P6SMA15C	15	15	12.1	13.5	16.5	1	22	27.3	1	SMA
P6SMA15A	P6SMA15CA	15A	15A	12.8	14.3	15.8	1	21.2	28.3	1	SMA
P6SMA16	P6SMA16C	16	16	12.9	14.4	17.6	1	23.5	25.5	1	SMA
P6SMA16A	P6SMA16CA	16A	16A	13.6	15.2	16.8	1	22.5	26.7	1	SMA
P6SMA18	P6SMA18C	18	18	14.5	16.2	19.8	1	26.5	22.6	1	SMA
P6SMA18A	P6SMA18CA	18A	18A	15.3	17.1	18.9	1	25.2	23.8	1	SMA
P6SMA20	P6SMA20C	20	20	16.2	18	22	1	29.1	20.6	1	SMA
P6SMA20A	P6SMA20CA	20A	20A	17.1	19	21	1	27.7	21.7	1	SMA
P6SMA22	P6SMA22C	22	22	17.8	19.8	24.2	1	31.9	18.8	1	SMA
P6SMA22A	P6SMA22CA	22A	22A	18.8	20.9	23.1	1	30.6	19.6	1	SMA
P6SMA24	P6SMA24C	24	24	19.4	21.6	26.4	1	34.7	17.3	1	SMA

P6SMA24A	P6SMA24CA	24A	24A	20.5	22.8	25.2	1	33.2	18.1	1	SMA
P6SMA27	P6SMA27C	27	27	21.8	24.3	29.7	1	39.1	15.3	1	SMA
P6SMA27A	P6SMA27CA	27A	27A	23.1	25.7	28.4	1	37.5	16	1	SMA
P6SMA30	P6SMA30C	30	30	24.3	27	33	1	43.5	13.8	1	SMA
P6SMA30A	P6SMA30CA	30A	30A	25.6	28.5	31.5	1	41.4	14.5	1	SMA
P6SMA33	P6SMA33C	33	33	26.8	29.7	36.3	1	47.7	12.6	1	SMA
P6SMA33A	P6SMA33CA	33A	33A	28.2	31.4	34.7	1	45.7	13.1	1	SMA
P6SMA36	P6SMA36C	36	36	29.1	32.4	39.6	1	52	11.5	1	SMA
P6SMA36A	P6SMA36CA	36A	36A	30.8	34.2	37.8	1	49.9	12	1	SMA
P6SMA39	P6SMA39C	39	39	31.6	35.1	42.9	1	56.4	10.6	1	SMA
P6SMA39A	P6SMA39CA	39A	39A	33.3	37.1	41	1	53.9	11.1	1	SMA
P6SMA43	P6SMA43C	43	43	34.8	38.7	47.3	1	61.9	9.7	1	SMA
P6SMA43A	P6SMA43CA	43A	43A	36.8	40.9	45.2	1	59.3	10.1	1	SMA
P6SMA47	P6SMA47C	47	47	38.1	42.3	51.7	1	67.8	8.8	1	SMA
P6SMA47A	P6SMA47CA	47A	47A	40.2	44.7	49.4	1	64.8	9.3	1	SMA
P6SMA51	P6SMA51C	51	51	41.3	45.9	56.1	1	73.5	8.2	1	SMA
P6SMA51A	P6SMA51CA	51A	51A	43.6	48.5	53.6	1	70.1	8.6	1	SMA
P6SMA56	P6SMA56C	56	56	45.6	50.4	61.6	1	80.5	7.5	1	SMA
P6SMA56A	P6SMA56CA	56A	56A	47.8	53.2	58.8	1	77	7.8	1	SMA
P6SMA62	P6SMA62C	62	62	50.2	55.8	68.2	1	89	6.7	1	SMA
P6SMA62A	P6SMA62CA	62A	62A	53	58.9	65.1	1	85	7.1	1	SMA
P6SMA68	P6SMA68C	68	68	55.1	61.2	74.8	1	98	6.1	1	SMA
P6SMA68A	P6SMA68CA	68A	68A	58.1	64.6	71.4	1	92	6.5	1	SMA
P6SMA75	P6SMA75C	75	75	60.7	67.5	82.5	1	108	5.6	1	SMA
P6SMA75A	P6SMA75CA	75A	75A	64.1	71.3	78.8	1	103	5.8	1	SMA
P6SMA82	P6SMA82C	82	82	66.4	73.8	90.2	1	118	5.1	1	SMA
P6SMA82A	P6SMA82CA	82A	82A	70.1	77.9	86.1	1	113	5.3	1	SMA
P6SMA91	P6SMA91C	91	91	73.7	81.9	100	1	131	4.6	1	SMA
P6SMA91A	P6SMA91CA	91A	91A	77.8	86.5	95.5	1	125	4.8	1	SMA

P6SMA100	P6SMA100C	100	100	81	90	110	1	144	4.2	1	SMA
P6SMA100A	P6SMA100CA	100A	100A	85.5	95	105	1	137	4.4	1	SMA
P6SMA110	P6SMA110C	110	110	89.2	99	121	1	158	3.8	1	SMA
P6SMA110A	P6SMA110CA	110A	110A	94	105	116	1	152	3.9	1	SMA
P6SMA120	P6SMA120C	120	120	97.2	108	132	1	173	3.5	1	SMA
P6SMA120A	P6SMA120CA	120A	120A	102	114	126	1	165	3.6	1	SMA
P6SMA130	P6SMA130C	130	130	105	117	143	1	187	3.2	1	SMA
P6SMA130A	P6SMA130CA	130A	130A	111	124	137	1	179	3.4	1	SMA
P6SMA150	P6SMA150C	150	150	121	135	165	1	215	2.8	1	SMA
P6SMA150A	P6SMA150CA	150A	150A	128	143	158	1	207	2.9	1	SMA
P6SMA160	P6SMA160C	160	160	130	144	176	1	230	2.6	1	SMA
P6SMA160A	P6SMA160CA	160A	160A	136	152	168	1	219	2.7	1	SMA
P6SMA170	P6SMA170C	170	170	138	153	187	1	244	2.5	1	SMA
P6SMA170A	P6SMA170CA	170A	170A	145	162	179	1	234	2.6	1	SMA
P6SMA180	P6SMA180C	180	180	146	162	198	1	258	2.3	1	SMA
P6SMA180A	P6SMA180CA	180A	180A	154	171	189	1	246	2.4	1	SMA
P6SMA200	P6SMA200C	200	200	162	180	220	1	287	2.1	1	SMA
P6SMA200A	P6SMA200CA	200A	200A	171	190	210	1	274	2.2	1	SMA
P6SMA220	P6SMA220C	220	220	175	198	242	1	344	1.7	1	SMA
P6SMA220A	P6SMA220CA	220A	220A	185	209	231	1	328	1.8	1	SMA
P6SMA250	P6SMA250C	250	250	202	225	275	1	360	1.7	1	SMA
P6SMA250A	P6SMA250CA	250A	250A	214	237	263	1	344	1.7	1	SMA
P6SMA300	P6SMA300C	300	300	243	270	330	1	430	1.4	1	SMA
P6SMA300A	P6SMA300CA	300A	300A	256	285	315	1	414	1.4	1	SMA
SMBJ5.0A	SMBJ5.0CA	SMBJ5.0A	SMBJ5.0CA	5	6.4	7	10	9.2	43.5	800	SMB
SMBJ6.0A	SMBJ6.0CA	SMBJ6.0A	SMBJ6.0CA	6	6.67	7.37	10	10.3	38.8	800	SMB
SMBJ6.5A	SMBJ6.5CA	SMBJ6.5A	SMBJ6.5CA	6.5	7.22	7.98	10	11.2	35.7	500	SMB
SMBJ7.0A	SMBJ7.0CA	SMBJ7.0A	SMBJ7.0CA	7	7.78	8.6	10	12	33.3	200	SMB
SMBJ7.5A	SMBJ7.5CA	SMBJ7.5A	SMBJ7.5CA	7.5	8.33	9.21	1	12.9	31	100	SMB



SMBJ8.0A	SMBJ8.0CA	SMBJ8.0A	SMBJ8.0CA	8	8.89	9.83	1	13.6	29.4	50	SMB
SMBJ8.5A	SMBJ8.5CA	SMBJ8.5A	SMBJ8.5CA	8.5	9.44	10.4	1	14.4	27.8	20	SMB
SMBJ9.0A	SMBJ9.0CA	SMBJ9.0A	SMBJ9.0CA	9	10	11.1	1	15.4	26	10	SMB
SMBJ10A	SMBJ10CA	SMBJ10A	SMBJ10CA	10	11.1	12.3	1	17	23.5	5	SMB
SMBJ11A	SMBJ11CA	SMBJ11A	SMBJ11CA	11	12.2	13.5	1	18.2	22	5	SMB
SMBJ12A	SMBJ12CA	SMBJ12A	SMBJ12CA	12	13.3	14.7	1	19.9	20.1	5	SMB
SMBJ13A	SMBJ13CA	SMBJ13A	SMBJ13CA	13	14.4	15.9	1	21.5	18.6	5	SMB
SMBJ14A	SMBJ14CA	SMBJ14A	SMBJ14CA	14	15.6	17.2	1	23.2	17.2	5	SMB
SMBJ15A	SMBJ15CA	SMBJ15A	SMBJ15CA	15	16.7	18.5	1	24.4	16.4	5	SMB
SMBJ16A	SMBJ16CA	SMBJ16A	SMBJ16CA	16	17.8	19.7	1	26	15.4	5	SMB
SMBJ17A	SMBJ17CA	SMBJ17A	SMBJ17CA	17	18.9	20.9	1	27.6	14.5	5	SMB
SMBJ18A	SMBJ18CA	SMBJ18A	SMBJ18CA	18	20	22.1	1	29.2	13.7	5	SMB
SMBJ20A	SMBJ20CA	SMBJ20A	SMBJ20CA	20	22.2	24.5	1	32.4	12.3	5	SMB
SMBJ22A	SMBJ22CA	SMBJ22A	SMBJ22CA	22	24.4	26.9	1	35.5	11.3	5	SMB
SMBJ24A	SMBJ24CA	SMBJ24A	SMBJ24CA	24	26.7	29.5	1	38.9	10.3	5	SMB
SMBJ26A	SMBJ26CA	SMBJ26A	SMBJ26CA	26	28.9	31.9	1	42.1	9.5	5	SMB
SMBJ28A	SMBJ28CA	SMBJ28A	SMBJ28CA	28	31.1	34.4	1	45.4	8.8	5	SMB
SMBJ30A	SMBJ30CA	SMBJ30A	SMBJ30CA	30	33.3	36.8	1	48.4	8.3	5	SMB
SMBJ33A	SMBJ33CA	SMBJ33A	SMBJ33CA	33	36.7	40.6	1	53.3	7.5	5	SMB
SMBJ36A	SMBJ36CA	SMBJ36A	SMBJ36CA	36	40	44.2	1	58.1	6.9	5	SMB
SMBJ40A	SMBJ40CA	SMBJ40A	SMBJ40CA	40	44.4	49.1	1	64.5	6.2	5	SMB
SMBJ43A	SMBJ43CA	SMBJ43A	SMBJ43CA	43	47.8	52.8	1	69.4	5.8	5	SMB
SMBJ45A	SMBJ45CA	SMBJ45A	SMBJ45CA	45	50	55.3	1	72.7	5.5	5	SMB
SMBJ48A	SMBJ48CA	SMBJ48A	SMBJ48CA	48	53.3	58.9	1	77.4	5.2	5	SMB
SMBJ51A	SMBJ51CA	SMBJ51A	SMBJ51CA	51	56.7	62.7	1	82.4	4.9	5	SMB
SMBJ54A	SMBJ54CA	SMBJ54A	SMBJ54CA	54	60	66.3	1	87.1	4.6	5	SMB
SMBJ58A	SMBJ58CA	SMBJ58A	SMBJ58CA	58	64.4	71.2	1	93.6	4.3	5	SMB
SMBJ60A	SMBJ60CA	SMBJ60A	SMBJ60CA	60	66.7	73.7	1	96.8	4.1	5	SMB
SMBJ64A	SMBJ64CA	SMBJ64A	SMBJ64CA	64	71.1	78.6	1	103	3.9	5	SMB

SMBJ70A	SMBJ70CA	SMBJ70A	SMBJ70CA	70	77.8	86	1	113	3.5	5	SMB
SMBJ75A	SMBJ75CA	SMBJ75A	SMBJ75CA	75	83.3	92.1	1	121	3.3	5	SMB
SMBJ78A	SMBJ78CA	SMBJ78A	SMBJ78CA	78	86.7	95.8	1	126	3.2	5	SMB
SMBJ85A	SMBJ85CA	SMBJ85A	SMBJ85CA	85	94.4	104	1	137	2.9	5	SMB
SMBJ90A	SMBJ90CA	SMBJ90A	SMBJ90CA	90	100	111	1	146	2.7	5	SMB
SMBJ100A	SMBJ100CA	SMBJ100A	SMBJ100CA	100	111	123	1	162	2.5	5	SMB
SMBJ110A	SMBJ110CA	SMBJ110A	SMBJ110CA	110	122	135	1	177	2.3	5	SMB
SMBJ120A	SMBJ120CA	SMBJ120A	SMBJ120CA	120	133	147	1	193	2.1	5	SMB
SMBJ130A	SMBJ130CA	SMBJ130A	SMBJ130CA	130	144	159	1	209	1.9	5	SMB
SMBJ150A	SMBJ150CA	SMBJ150A	SMBJ150CA	150	167	185	1	243	1.6	5	SMB
SMBJ160A	SMBJ160CA	SMBJ160A	SMBJ160CA	160	178	197	1	259	1.5	5	SMB
SMBJ170A	SMBJ170CA	SMBJ170A	SMBJ170CA	170	189	209	1	275	1.5	5	SMB
SMBJ180A	SMBJ180CA	SMBJ180A	SMBJ180CA	180	198	221	1	291	1.4	5	SMB
SMBJ190A	SMBJ190CA	SMBJ190A	SMBJ190CA	190	209	233	1	307	1.3	5	SMB
SMBJ200A	SMBJ200CA	SMBJ200A	SMBJ200CA	200	220	246	1	324	1.3	5	SMB
SMBJ220A	SMBJ220CA	SMBJ220A	SMBJ220CA	220	246	272	1	356	1.2	5	SMB
SMBJ250A	SMBJ250CA	SMBJ250A	SMBJ250CA	250	279	309	1	405	1	5	SMB
SMCJ5.0A	SMCJ5.0CA	SMCJ5.0A	SMCJ5.0CA	5	6.4	7	10	9.2	163	800	SMC
SMCJ6.0A	SMCJ6.0CA	SMCJ6.0A	SMCJ6.0CA	6	6.67	7.73	10	10.3	145.7	800	SMC
SMCJ6.5A	SMCJ6.5CA	SMCJ6.5A	SMCJ6.5CA	6.5	7.22	7.98	10	11.2	134	500	SMC
SMCJ7.0A	SMCJ7.0CA	SMCJ7.0A	SMCJ7.0CA	7	7.78	8.6	10	12	125	200	SMC
SMCJ7.5A	SMCJ7.5CA	SMCJ7.5A	SMCJ7.5CA	7.5	8.33	9.21	1	12.9	116.3	100	SMC
SMCJ8.0A	SMCJ8.0CA	SMCJ8.0A	SMCJ8.0CA	8	8.89	9.83	1	13.6	110.3	50	SMC
SMCJ8.5A	SMCJ8.5CA	SMCJ8.5A	SMCJ8.5CA	8.5	9.44	10.4	1	14.4	104.2	20	SMC
SMCJ9.0A	SMCJ9.0CA	SMCJ9.0A	SMCJ9.0CA	9	10	11.1	1	15.4	97.4	10	SMC
SMCJ10A	SMCJ10CA	SMCJ10A	SMCJ10CA	10	11.1	12.3	1	17	88.3	5	SMC
SMCJ11A	SMCJ11CA	SMCJ11A	SMCJ11CA	11	12.2	13.5	1	18.2	82.5	5	SMC
SMCJ12A	SMCJ12CA	SMCJ12A	SMCJ12CA	12	13.3	14.7	1	19.9	75.4	5	SMC
SMCJ13A	SMCJ13CA	SMCJ13A	SMCJ13CA	13	14.4	15.9	1	21.5	69.8	5	SMC

SMCJ14A	SMCJ14CA	SMCJ14A	SMCJ14CA	14	15.6	17.2	1	23.2	64.7	5	SMC
SMCJ15A	SMCJ15CA	SMCJ15A	SMCJ15CA	15	16.7	18.5	1	24.4	61.5	5	SMC
SMCJ16A	SMCJ16CA	SMCJ16A	SMCJ16CA	16	17.8	19.7	1	26	57.7	5	SMC
SMCJ17A	SMCJ17CA	SMCJ17A	SMCJ17CA	17	18.9	20.9	1	27.6	54.4	5	SMC
SMCJ18A	SMCJ18CA	SMCJ18A	SMCJ18CA	18	20	22.1	1	29.2	51.4	5	SMC
SMCJ20A	SMCJ20CA	SMCJ20A	SMCJ20CA	20	22.2	24.5	1	32.4	46.3	5	SMC
SMCJ22A	SMCJ22CA	SMCJ22A	SMCJ22CA	22	24.4	26.9	1	35.5	42.3	5	SMC
SMCJ24A	SMCJ24CA	SMCJ24A	SMCJ24CA	24	26.7	29.5	1	38.9	38.6	5	SMC
SMCJ26A	SMCJ26CA	SMCJ26A	SMCJ26CA	26	28.9	31.9	1	42.1	35.7	5	SMC
SMCJ28A	SMCJ28CA	SMCJ28A	SMCJ28CA	28	31.1	34.4	1	45.4	33.1	5	SMC
SMCJ30A	SMCJ30CA	SMCJ30A	SMCJ30CA	30	33.3	36.8	1	48.4	31	5	SMC
SMCJ33A	SMCJ33CA	SMCJ33A	SMCJ33CA	33	36.7	40.6	1	53.3	28.2	5	SMC
SMCJ36A	SMCJ36CA	SMCJ36A	SMCJ36CA	36	40	44.2	1	58.1	25.9	5	SMC
SMCJ40A	SMCJ40CA	SMCJ40A	SMCJ40CA	40	44.4	49.1	1	64.5	23.3	5	SMC
SMCJ43A	SMCJ43CA	SMCJ43A	SMCJ43CA	43	47.8	52.8	1	68.4	21.7	5	SMC
SMCJ45A	SMCJ45CA	SMCJ45A	SMCJ45CA	45	50	55.3	1	72.7	20.6	5	SMC
SMCJ48A	SMCJ48CA	SMCJ48A	SMCJ48CA	48	53.3	58.9	1	77.4	19.4	5	SMC
SMCJ51A	SMCJ51CA	SMCJ51A	SMCJ51CA	51	56.7	62.7	1	82.4	18.2	5	SMC
SMCJ54A	SMCJ54CA	SMCJ54A	SMCJ54CA	54	60	66.3	1	87.1	17.3	5	SMC
SMCJ58A	SMCJ58CA	SMCJ58A	SMCJ58CA	58	64.4	71.2	1	93.6	16.1	5	SMC
SMCJ60A	SMCJ60CA	SMCJ60A	SMCJ60CA	60	66.7	73.7	1	96.8	15.5	5	SMC
SMCJ64A	SMCJ64CA	SMCJ64A	SMCJ64CA	64	71.1	78.6	1	103	14.6	5	SMC
SMCJ70A	SMCJ70CA	SMCJ70A	SMCJ70CA	70	77.8	86	1	113	13.3	5	SMC
SMCJ75A	SMCJ75CA	SMCJ75A	SMCJ75CA	75	83.3	92.1	1	121	12.4	5	SMC
SMCJ78A	SMCJ78CA	SMCJ78A	SMCJ78CA	78	86.7	95.8	1	126	11.9	5	SMC
SMCJ85A	SMCJ85CA	SMCJ85A	SMCJ85CA	85	94.4	104	1	137	11	5	SMC
SMCJ90A	SMCJ90CA	SMCJ90A	SMCJ90CA	90	100	111	1	146	10.3	5	SMC
SMCJ100A	SMCJ100CA	SMCJ100A	SMCJ100CA	100	111	123	1	162	9.3	5	SMC
SMCJ110A	SMCJ110CA	SMCJ110A	SMCJ110CA	110	122	135	1	177	8.5	5	SMC

SMCJ120A	SMCJ120CA	SMCJ120A	SMCJ120CA	120	133	147	1	193	7.8	5	SMC
SMCJ130A	SMCJ130CA	SMCJ130A	SMCJ130CA	130	144	159	1	209	7.2	5	SMC
SMCJ150A	SMCJ150CA	SMCJ150A	SMCJ150CA	150	167	185	1	243	6.2	5	SMC
SMCJ160A	SMCJ160CA	SMCJ160A	SMCJ160CA	160	178	197	1	259	5.8	5	SMC
SMCJ170A	SMCJ170CA	SMCJ170A	SMCJ170CA	170	189	209	1	275	5.5	5	SMC
SA5.0		SA5.0		5	6.4	7.3	10	9.6	52	600	DO-15
SA5.0A		SA5.0A		5	6.4	7	10	9.2	54.3	600	DO-15
SA6.0		SA6.0		6	6.67	8.15	10	11.4	43.9	600	DO-15
SA6.0A		SA6.0A		6	6.67	7.37	10	10.3	48.5	600	DO-15
SA6.5		SA6.5		6.5	7.22	8.82	10	12.3	40.7	400	DO-15
SA6.5A		SA6.5A		6.5	7.22	7.98	10	11.2	44.7	400	DO-15
SA7.0		SA7.0		7	7.78	8.6	10	13.3	37.8	150	DO-15
SA7.0A		SA7.0A		7	7.78	8.6	10	12	41.7	150	DO-15
SA7.5		SA7.5		7.5	8.33	10.2	1	14.3	35	50	DO-15
SA7.5A		SA7.5A		7.5	8.33	9.21	1	12.9	38.8	50	DO-15
SA8.0		SA8.0		8	8.89	10.9	1	15	33.3	25	DO-15
SA8.0A		SA8.0A		8	8.89	9.83	1	13.6	36.7	25	DO-15
SA8.5		SA8.5		8.5	9.44	11.5	1	15.9	31.4	10	DO-15
SA8.5A		SA8.5A		8.5	9.44	10.4	1	14.4	34.7	10	DO-15
SA9.0		SA9.0		9	10	12.2	1	16.9	29.5	5	DO-15
SA9.0A		SA9.0A		9	10	11.1	1	15.4	32.5	5	DO-15
SA10		SA10		10	11.1	13.6	1	18.8	26.6	3	DO-15
SA10A		SA10A		10	11.1	12.3	1	17	29.4	3	DO-15
SA11		SA11		11	12.2	14.9	1	20.1	24.9	3	DO-15
SA11A		SA11A		11	12.2	13.5	1	18.2	27.4	3	DO-15
SA12		SA12		12	13.3	16.3	1	22	22.7	3	DO-15
SA12A		SA12A		12	13.3	14.7	1	19.9	25.1	3	DO-15
SA13		SA13		13	14.4	17.6	1	23.8	21	3	DO-15
SA13A		SA13A		13	14.4	15.9	1	21.5	23.2	3	DO-15

SA14		SA14		14	15.6	19.1	1	25.8	19.4	3	DO-15
SA14A		SA14A		14	15.6	17.2	1	23.2	21.5	3	DO-15
SA15		SA15		15	16.7	20.4	1	26.9	18.8	3	DO-15
SA15A		SA15A		15	16.7	18.5	1	24.4	20.6	3	DO-15
SA16		SA16		16	17.8	21.8	1	28.8	17.6	3	DO-15
SA16A		SA16A		16	17.8	19.7	1	26	17.6	3	DO-15
SA17		SA17		17	18.9	23.1	1	30.5	16.4	3	DO-15
SA17A		SA17A		17	18.9	20.9	1	27.6	16.1	3	DO-15
SA18		SA18		18	20	24.4	1	32.2	15.5	3	DO-15
SA18A		SA18A		18	20	22.1	1	29.2	17.2	3	DO-15
SA20		SA20		20	22.2	27.1	1	35.8	13.9	3	DO-15
SA16		SA16		16	17.8	21.8	1	28.8	17.6	3	DO-15
SA16A		SA16A		16	17.8	19.7	1	26	17.6	3	DO-15
SA17		SA17		17	18.9	23.1	1	30.5	16.4	3	DO-15
SA17A		SA17A		17	18.9	20.9	1	27.6	16.1	3	DO-15
SA18		SA18		18	20	24.4	1	32.2	15.5	3	DO-15
SA18A		SA18A		18	20	22.1	1	29.2	17.2	3	DO-15
SA20		SA20		20	22.2	27.1	1	35.8	13.9	3	DO-15
SA20A		SA20A		20	22.2	24.5	1	32.4	15.4	3	DO-15
SA22		SA22		22	24.4	29.8	1	39.4	12.7	3	DO-15
SA22A		SA22A		22	24.4	26.9	1	35.5	14.1	3	DO-15
SA24		SA24		24	26.7	32.6	1	43	11.6	3	DO-15
SA24A		SA24A		24	26.7	29.5	1	38.9	12.8	3	DO-15
SA26		SA26		26	28.9	35.3	1	46.6	10.7	3	DO-15
SA26A		SA26A		26	28.9	31.9	1	42.1	11.9	3	DO-15
SA28		SA28		28	31.1	38	1	50	9.9	3	DO-15
SA28A		SA28A		28	31.1	34.4	1	45.4	11	3	DO-15
SA30		SA30		30	33.3	40.7	1	53.5	9.3	3	DO-15
SA30A		SA30A		30	33.3	36.8	1	48.4	10.3	3	DO-15

SA33		SA33		33	36.7	44.9	1	59	8.5	3	DO-15
SA33A		SA33A		33	36.7	40.6	1	53.3	9.4	3	DO-15
SA36		SA36		36	40	48.9	1	64.3	7.8	3	DO-15
SA36A		SA36A		36	40	44.2	1	58.1	8.5	3	DO-15
SA40		SA40		40	44.4	54.3	1	71.4	7	3	DO-15
SA40A		SA40A		40	44.4	49.1	1	64.5	7.8	3	DO-15
SA43		SA43		43	47.8	58.4	1	76.7	6.5	3	DO-15
SA43A		SA43A		43	47.8	52.8	1	69.4	7.2	3	DO-15
SA45		SA45		45	50	61.1	1	80.3	6.2	3	DO-15
SA45A		SA45A		45	50	55.3	1	72.7	6.9	3	DO-15
SA48		SA48		48	53.3	65.1	1	85.5	5.8	3	DO-15
SA48A		SA48A		48	53.3	58.9	1	77.4	6.5	3	DO-15
SA51		SA51		51	56.7	69.3	1	91.1	5.5	3	DO-15
SA51A		SA51A		51	56.7	62.7	1	82.4	6.1	3	DO-15
SA54		SA54		54	60	73.3	1	96.3	5.2	3	DO-15
SA54A		SA54A		54	60	66.3	1	87.1	5.7	3	DO-15
SA58		SA58		58	64.4	78.7	1	103	4.9	3	DO-15
SA58A		SA58A		58	64.4	71.2	1	93.6	5.3	3	DO-15
SA60		SA60		60	66.7	81.5	1	107	4.7	3	DO-15
SA60A		SA60A		60	66.7	73.7	1	96.8	5.2	3	DO-15
SA64		SA64		64	71.1	86.9	1	114	4.4	3	DO-15
SA64A		SA64A		64	71.1	78.6	1	103	4.9	3	DO-15
SA70		SA70		70	77.8	95.1	1	125	4	3	DO-15
SA70A		SA70A		70	77.8	86	1	113	4.4	3	DO-15
SA75		SA75		75	83.3	102	1	134	3.7	3	DO-15
SA75A		SA75A		75	83.3	92.1	1	121	4.1	3	DO-15
SA78		SA78		78	86.7	106	1	139	3.6	3	DO-15
SA78A		SA78A		78	86.7	95.8	1	126	4	3	DO-15
SA85		SA85		85	94.4	115	1	151	3.3	3	DO-15

SA85A		SA85A		85	94.4	104	1	137	3.6	3	DO-15
SA90		SA90		90	100	122	1	160	3.1	3	DO-15
SA90A		SA90A		90	100	111	1	146	3.4	3	DO-15
SA100		SA100		100	111	136	1	179	2.8	3	DO-15
SA100A		SA100A		100	111	123	1	162	2.8	3	DO-15
SA110		SA110		110	122	149	1	196	2.6	3	DO-15
SA110A		SA110A		110	122	135	1	177	2.8	3	DO-15
SA120		SA120		120	133	163	1	214	2.3	3	DO-15
SA120A		SA120A		120	133	147	1	193	2	3	DO-15
SA130		SA130		130	144	176	1	231	2.2	3	DO-15
SA130A		SA130A		130	144	159	1	209	2.4	3	DO-15
SA150		SA150		150	167	204	1	268	1.9	3	DO-15
SA150A		SA150A		150	167	185	1	243	2.1	3	DO-15
SA160		SA160		160	178	218	1	287	1.7	3	DO-15
SA160A		SA160A		160	178	197	1	259	1.9	3	DO-15
SA170		SA170		170	189	231	1	304	1.6	3	DO-15
SA170A		SA170A		170	189	209	1	275	1.8	3	DO-15
P4KE6.8	P4KE6.8C	P4KE6.8	P4KE6.8C	5.5	6.12	7.48	10	10.8	38	1000	DO-41
P4KE6.8A	P4KE6.8CA	P4KE6.8A	P4KE6.8CA	5.8	6.45	7.14	10	10.5	40	1000	DO-41
P4KE7.5	P4KE7.5C	P4KE7.5	P4KE7.5C	6.05	6.75	8.25	10	11.7	36	500	DO-41
P4KE7.5A	P4KE7.5CA	P4KE7.5A	P4KE7.5CA	6.4	7.13	7.88	10	11.3	37	500	DO-41
P4KE8.2	P4KE8.2C	P4KE8.2	P4KE8.2C	6.63	7.38	9.02	10	12.5	33	200	DO-41
P4KE8.2A	P4KE8.2CA	P4KE8.2A	P4KE8.2CA	7.02	7.79	8.61	10	12.1	35	200	DO-41
P4KE9.1	P4KE9.1C	P4KE9.1	P4KE9.1C	7.37	8.19	10	1	13.8	30	50	DO-41
P4KE9.1A	P4KE9.1CA	P4KE9.1A	P4KE9.1CA	7.78	8.65	9.5	1	13.4	31	50	DO-41
P4KE10	P4KE10C	P4KE10	P4KE10C	8.1	9	11	1	15	28	10	DO-41
P4KE10A	P4KE10CA	P4KE10A	P4KE10CA	8.55	9.5	10.5	1	14.5	29	10	DO-41
P4KE11	P4KE11C	P4KE11	P4KE11C	8.92	9.9	12.1	1	16.2	26	5	DO-41
P4KE11A	P4KE11CA	P4KE11A	P4KE11CA	9.4	10.5	11.6	1	15.6	27	5	DO-41

P4KE12	P4KE12C	P4KE12	P4KE12C	9.72	10.8	13.2	1	17.3	24	5	DO-41
P4KE12A	P4KE12CA	P4KE12A	P4KE12CA	10.2	11.4	12.6	1	16.7	25	5	DO-41
P4KE13	P4KE13C	P4KE13	P4KE13C	10.5	11.7	14.3	1	19	22	5	DO-41
P4KE13A	P4KE13CA	P4KE13A	P4KE13CA	11.1	12.4	13.7	1	18.2	23	5	DO-41
P4KE15	P4KE15C	P4KE15	P4KE15C	12.1	13.5	16.5	1	22	19	5	DO-41
P4KE15A	P4KE15CA	P4KE15A	P4KE15CA	12.8	14.3	15.8	1	21.2	20	5	DO-41
P4KE16	P4KE16C	P4KE16	P4KE16C	12.9	14.4	17.6	1	23.5	18	5	DO-41
P4KE16A	P4KE16CA	P4KE16A	P4KE16CA	13.6	15.2	16.8	1	22.5	19	5	DO-41
P4KE18	P4KE18C	P4KE18	P4KE18C	14.5	16.2	19.8	1	26.5	16	5	DO-41
P4KE18A	P4KE18CA	P4KE18A	P4KE18CA	15.3	17.1	18.9	1	25.2	17	5	DO-41
P4KE20	P4KE20C	P4KE20	P4KE20C	16.2	18	22	1	29.1	14	5	DO-41
P4KE20A	P4KE20CA	P4KE20A	P4KE20CA	17.1	19	21	1	27.7	15	5	DO-41
P4KE22	P4KE22C	P4KE22	P4KE22C	17.8	19.8	24.2	1	31.9	13	5	DO-41
P4KE22A	P4KE22CA	P4KE22A	P4KE22CA	18.8	20.9	23.1	1	30.6	14	5	DO-41
P4KE24	P4KE24C	P4KE24	P4KE24C	19.4	21.6	26.4	1	34.7	12	5	DO-41
P4KE24A	P4KE24CA	P4KE24A	P4KE24CA	20.5	22.8	25.2	1	33.2	13	5	DO-41
P4KE27	P4KE27C	P4KE27	P4KE27C	21.8	24.3	29.7	1	39.1	11	5	DO-41
P4KE27A	P4KE27CA	P4KE27A	P4KE27CA	23.1	25.7	28.4	1	37.5	11.2	5	DO-41
P4KE30	P4KE30C	P4KE30	P4KE30C	24.3	27	33	1	43.5	10	5	DO-41
P4KE30A	P4KE30CA	P4KE30A	P4KE30CA	25.6	28.5	31.5	1	41.4	10	5	DO-41
P4KE33	P4KE33C	P4KE33	P4KE33C	26.8	29.7	36.3	1	47.7	9	5	DO-41
P4KE33A	P4KE33CA	P4KE33A	P4KE33CA	28.2	31.4	34.7	1	45.7	8.75	5	DO-41
P4KE36	P4KE36C	P4KE36	P4KE36C	29.1	32.4	39.6	1	52	8	5	DO-41
P4KE36A	P4KE36CA	P4KE36A	P4KE36CA	30.8	34.2	37.8	1	49.9	8.4	5	DO-41
P4KE39	P4KE39C	P4KE39	P4KE39C	31.6	35.1	42.9	1	56.4	7.4	5	DO-41
P4KE39A	P4KE39CA	P4KE39A	P4KE39CA	33.3	37.1	41	1	53.9	7.8	5	DO-41
P4KE43	P4KE43C	P4KE43	P4KE43C	34.8	38.7	47.3	1	61.9	6.8	5	DO-41
P4KE43A	P4KE43CA	P4KE43A	P4KE43CA	36.8	40.9	45.2	1	59.3	7.1	5	DO-41
P4KE47	P4KE47C	P4KE47	P4KE47C	38.1	42.3	51.7	1	67.8	6.2	5	DO-41



P4KE47A	P4KE47CA	P4KE47A	P4KE47CA	40.2	44.7	49.4	1	64.8	5	5	DO-41
P4KE51	P4KE51C	P4KE51	P4KE51C	41.3	45.9	56.1	1	73.5	5.7	5	DO-41
P4KE51A	P4KE51CA	P4KE51A	P4KE51CA	43.6	48.5	53.6	1	70.1	6	5	DO-41
P4KE56	P4KE56C	P4KE56	P4KE56C	45.6	50.4	61.6	1	80.5	5.2	5	DO-41
P4KE56A	P4KE56CA	P4KE56A	P4KE56CA	47.8	53.2	58.8	1	77	5.5	5	DO-41
P4KE62	P4KE62C	P4KE62	P4KE62C	50.2	55.8	68.2	1	89	4.7	5	DO-41
P4KE62A	P4KE62CA	P4KE62A	P4KE62CA	53	58.9	65.1	1	85	5	5	DO-41
P4KE68	P4KE68C	P4KE68	P4KE68C	55.1	61.2	74.8	1	98	4.3	5	DO-41
P4KE68A	P4KE68CA	P4KE68A	P4KE68CA	58.1	64.6	71.4	1	92	4.6	5	DO-41
P4KE75	P4KE75C	P4KE75	P4KE75C	60.7	67.5	82.5	1	108	3.9	5	DO-41
P4KE75A	P4KE75CA	P4KE75A	P4KE75CA	64.1	71.3	78.8	1	103	4.1	5	DO-41
P4KE82	P4KE82C	P4KE82	P4KE82C	66.4	73.8	90.2	1	118	3.6	5	DO-41
P4KE82A	P4KE82CA	P4KE82A	P4KE82CA	70.1	77.9	86.1	1	113	3.7	5	DO-41
P4KE91	P4KE91C	P4KE91	P4KE91C	73.7	81.9	100	1	131	3.2	5	DO-41
P4KE91A	P4KE91CA	P4KE91A	P4KE91CA	77.8	86.5	95.5	1	125	3.4	5	DO-41
P4KE100	P4KE100C	P4KE100	P4KE100C	81	90	110	1	144	2.9	5	DO-41
P4KE100A	P4KE100CA	P4KE100A	P4KE100CA	85.5	95	105	1	137	3.1	5	DO-41
P4KE110	P4KE110C	P4KE110	P4KE110C	89.2	99	121	1	158	2.7	5	DO-41
P4KE110A	P4KE110CA	P4KE110A	P4KE110CA	94	105	116	1	152	2.8	5	DO-41
P4KE120	P4KE120C	P4KE120	P4KE120C	97.2	108	132	1	173	2.4	5	DO-41
P4KE120A	P4KE120CA	P4KE120A	P4KE120CA	102	114	126	1	165	2.5	5	DO-41
P4KE130	P4KE130C	P4KE130	P4KE130C	105	117	143	1	187	2.2	5	DO-41
P4KE130A	P4KE130CA	P4KE130A	P4KE130CA	111	124	137	1	179	2.3	5	DO-41
P4KE150	P4KE150C	P4KE150	P4KE150C	121	135	165	1	215	2	5	DO-41
P4KE150A	P4KE150CA	P4KE150A	P4KE150CA	128	143	158	1	207	2	5	DO-41
P4KE160	P4KE160C	P4KE160	P4KE160C	130	144	176	1	230	1.8	5	DO-41
P4KE160A	P4KE160CA	P4KE160A	P4KE160CA	136	152	168	1	219	1.9	5	DO-41
P4KE170	P4KE170C	P4KE170	P4KE170C	138	153	187	1	244	1.7	5	DO-41
P4KE170A	P4KE170CA	P4KE170A	P4KE170CA	145	162	179	1	234	1.8	5	DO-41

P4KE180	P4KE180C	P4KE180	P4KE180C	146	162	198	1	258	1.6	5	DO-41
P4KE180A	P4KE180CA	P4KE180A	P4KE180CA	154	171	189	1	246	1.7	5	DO-41
P4KE200	P4KE200C	P4KE200	P4KE200C	162	180	220	1	287	1.5	5	DO-41
P4KE200A	P4KE200CA	P4KE200A	P4KE200CA	171	190	210	1	274	1.5	5	DO-41
P4KE220	P4KE220C	P4KE220	P4KE220C	175	198	242	1	344	1.2	5	DO-41
P4KE220A	P4KE220CA	P4KE220A	P4KE220CA	185	209	231	1	328	1.2	5	DO-41
P4KE250	P4KE250C	P4KE250	P4KE250C	202	225	275	1	360	1.1	5	DO-41
P4KE250A	P4KE250CA	P4KE250A	P4KE250CA	214	237	263	1	344	1.2	5	DO-41
P4KE300	P4KE300C	P4KE300	P4KE300C	243	270	330	1	430	0.9	5	DO-41
P4KE300A	P4KE300CA	P4KE300A	P4KE300CA	256	285	315	1	414	1	5	DO-41
P4KE350	P4KE350C	P4KE350	P4KE350C	284	315	385	1	504	0.8	5	DO-41
P4KE350A	P4KE350CA	P4KE350A	P4KE350CA	300	332	368	1	482	0.8	5	DO-41
P4KE400	P4KE400C	P4KE400	P4KE400C	324	360	440	1	574	0.7	5	DO-41
P4KE400A	P4KE400CA	P4KE400A	P4KE400CA	342	380	420	1	548	0.7	5	DO-41
P4KE440	P4KE440C	P4KE440	P4KE440C	356	396	484	1	631	1	5	DO-41
P4KE440A	P4KE440CA	P4KE440A	P4KE440CA	376	418	462	1	600	1	5	DO-41
P6KE6.8	P6KE6.8C	P6KE6.8	P6KE6.8C	5.5	6.12	7.48	10	10.8	56	1000	DO-15
P6KE6.8A	P6KE6.8CA	P6KE6.8A	P6KE6.8CA	5.8	6.45	7.14	10	10.5	57	1000	DO-15
P6KE7.5	P6KE7.5C	P6KE7.5	P6KE7.5C	6.15	6.75	8.25	10	11.7	51	500	DO-15
P6KE7.5A	P6KE7.5CA	P6KE7.5A	P6KE7.5CA	6.4	7.13	7.88	10	11.3	53	500	DO-15
P6KE8.2	P6KE8.2C	P6KE8.2	P6KE8.2C	6.63	7.38	9.02	10	12.5	48	200	DO-15
P6KE8.2A	P6KE8.2CA	P6KE8.2A	P6KE8.2CA	7.02	7.79	8.61	10	12.1	50	200	DO-15
P6KE9.1	P6KE9.1C	P6KE9.1	P6KE9.1C	7.37	8.19	10	1	13.8	44	50	DO-15
P6KE9.1A	P6KE9.1CA	P6KE9.1A	P6KE9.1CA	7.78	8.65	9.5	1	13.4	45	50	DO-15
P6KE10	P6KE10C	P6KE10	P6KE10C	8.1	9	11	1	15	40	10	DO-15
P6KE10A	P6KE10CA	P6KE10A	P6KE10CA	8.55	9.5	10.5	1	14.5	41	10	DO-15
P6KE11	P6KE11C	P6KE11	P6KE11C	8.92	9.9	12.1	1	16.2	37	5	DO-15
P6KE11A	P6KE11CA	P6KE11A	P6KE11CA	9.4	10.5	11.6	1	15.6	38	5	DO-15
P6KE12	P6KE12C	P6KE12	P6KE12C	9.72	10.8	13.2	1	17.3	35	5	DO-15

P6KE12A	P6KE12CA	P6KE12A	P6KE12CA	10.2	11.4	12.6	1	16.7	36	5	DO-15
P6KE13	P6KE13C	P6KE13	P6KE13C	10.5	11.7	14.3	1	19	32	5	DO-15
P6KE13A	P6KE13CA	P6KE13A	P6KE13CA	11.1	12.4	13.7	1	18.2	33	5	DO-15
P6KE15	P6KE15C	P6KE15	P6KE15C	12.1	13.5	16.5	1	22	27	5	DO-15
P6KE15A	P6KE15CA	P6KE15A	P6KE15CA	12.8	14.3	15.8	1	21.2	28	5	DO-15
P6KE16	P6KE16C	P6KE16	P6KE16C	12.9	14.4	17.6	1	23.5	26	5	DO-15
P6KE16A	P6KE16CA	P6KE16A	P6KE16CA	13.6	15.2	16.8	1	22.5	27	5	DO-15
P6KE18	P6KE18C	P6KE18	P6KE18C	14.5	16.2	19.8	1	26.5	23	5	DO-15
P6KE18A	P6KE18CA	P6KE18A	P6KE18CA	15.3	17.1	18.9	1	25.2	24	5	DO-15
P6KE20	P6KE20C	P6KE20	P6KE20C	16.2	18	22	1	29.1	21	5	DO-15
P6KE20A	P6KE20CA	P6KE20A	P6KE20CA	17.1	19	21	1	27.7	22	5	DO-15
P6KE22	P6KE22C	P6KE22	P6KE22C	17.8	19.8	24.2	1	31.9	19	5	DO-15
P6KE22A	P6KE22CA	P6KE22A	P6KE22CA	18.8	20.9	23.1	1	30.6	20	5	DO-15
P6KE24	P6KE24C	P6KE24	P6KE24C	19.4	21.6	26.4	1	34.7	17	5	DO-15
P6KE24A	P6KE24CA	P6KE24A	P6KE24CA	20.5	22.8	25.2	1	33.2	18	5	DO-15
P6KE27	P6KE27C	P6KE27	P6KE27C	21.8	24.3	29.7	1	39.1	15	5	DO-15
P6KE27A	P6KE27CA	P6KE27A	P6KE27CA	23.1	25.7	28.4	1	37.5	16	5	DO-15
P6KE30	P6KE30C	P6KE30	P6KE30C	24.3	27	33	1	43.5	14	5	DO-15
P6KE30A	P6KE30CA	P6KE30A	P6KE30CA	25.6	28.5	31.5	1	41.4	14.4	5	DO-15
P6KE33	P6KE33C	P6KE33	P6KE33C	26.8	29.7	36.3	1	47.7	12.6	5	DO-15
P6KE33A	P6KE33CA	P6KE33A	P6KE33CA	28.2	31.4	34.7	1	45.7	13.2	5	DO-15
P6KE36	P6KE36C	P6KE36	P6KE36C	29.1	32.4	39.6	1	52	11.6	5	DO-15
P6KE36A	P6KE36CA	P6KE36A	P6KE36CA	30.8	34.2	37.8	1	49.9	12	5	DO-15
P6KE39	P6KE39C	P6KE39	P6KE39C	31.6	35.1	42.9	1	56.4	10.6	5	DO-15
P6KE39A	P6KE39CA	P6KE39A	P6KE39CA	33.3	37.1	41	1	53.9	11.2	5	DO-15
P6KE43	P6KE43C	P6KE43	P6KE43C	34.8	38.7	47.3	1	61.9	9.6	5	DO-15
P6KE43A	P6KE43CA	P6KE43A	P6KE43CA	36.8	40.9	45.2	1	59.3	10.1	5	DO-15
P6KE47	P6KE47C	P6KE47	P6KE47C	38.1	42.3	51.7	1	67.8	8.9	5	DO-15
P6KE47A	P6KE47CA	P6KE47A	P6KE47CA	40.2	44.7	49.4	1	64.8	9.3	5	DO-15

P6KE51	P6KE51C	P6KE51	P6KE51C	41.3	45.9	56.1	1	73.5	8.2	5	DO-15
P6KE51A	P6KE51CA	P6KE51A	P6KE51CA	43.6	48.5	53.6	1	70.1	8.6	5	DO-15
P6KE56	P6KE56C	P6KE56	P6KE56C	45.6	50.4	61.6	1	80.5	7.4	5	DO-15
P6KE56A	P6KE56CA	P6KE56A	P6KE56CA	47.8	53.2	58.8	1	77	7.8	5	DO-15
P6KE62	P6KE62C	P6KE62	P6KE62C	50.2	55.8	68.2	1	89	6.8	5	DO-15
P6KE62A	P6KE62CA	P6KE62A	P6KE62CA	53	58.9	65.1	1	85	7.1	5	DO-15
P6KE68	P6KE68C	P6KE68	P6KE68C	55.1	61.2	74.8	1	98	6.1	5	DO-15
P6KE68A	P6KE68CA	P6KE68A	P6KE68CA	58.1	64.6	71.4	1	92	6.5	5	DO-15
P6KE75	P6KE75C	P6KE75	P6KE75C	60.7	67.5	82.5	1	108	5.5	5	DO-15
P6KE75A	P6KE75CA	P6KE75A	P6KE75CA	64.1	71.3	78.8	1	103	5.8	5	DO-15
P6KE82	P6KE82C	P6KE82	P6KE82C	66.4	73.8	90.2	1	118	5.1	5	DO-15
P6KE82A	P6KE82CA	P6KE82A	P6KE82CA	70.1	77.9	86.1	1	113	5.3	5	DO-15
P6KE91	P6KE91C	P6KE91	P6KE91C	73.7	81.9	100	1	131	4.5	5	DO-15
P6KE91A	P6KE91CA	P6KE91A	P6KE91CA	77.8	86.5	95.5	1	125	4.8	5	DO-15
P6KE100	P6KE100C	P6KE100	P6KE100C	81	90	110	1	144	4.2	5	DO-15
P6KE100A	P6KE100CA	P6KE100A	P6KE100CA	85.5	95	105	1	137	4.4	5	DO-15
P6KE110	P6KE110C	P6KE110	P6KE110C	89.2	99	121	1	158	3.8	5	DO-15
P6KE110A	P6KE110CA	P6KE110A	P6KE110CA	94	105	116	1	152	4	5	DO-15
P6KE120	P6KE120C	P6KE120	P6KE120C	97.2	108	132	1	173	3.5	5	DO-15
P6KE120A	P6KE120CA	P6KE120A	P6KE120CA	102	114	126	1	165	3.6	5	DO-15
P6KE130	P6KE130C	P6KE130	P6KE130C	105	117	143	1	187	3.2	5	DO-15
P6KE130A	P6KE130CA	P6KE130A	P6KE130CA	111	124	137	1	179	3.3	5	DO-15
P6KE150	P6KE150C	P6KE150	P6KE150C	121	135	165	1	215	2.8	5	DO-15
P6KE150A	P6KE150CA	P6KE150A	P6KE150CA	128	143	158	1	207	2.9	5	DO-15
P6KE160	P6KE160C	P6KE160	P6KE160C	130	144	176	1	230	2.6	5	DO-15
P6KE160A	P6KE160CA	P6KE160A	P6KE160CA	136	152	168	1	219	2.7	5	DO-15
P6KE170	P6KE170C	P6KE170	P6KE170C	138	153	187	1	244	2.5	5	DO-15
P6KE170A	P6KE170CA	P6KE170A	P6KE170CA	145	162	179	1	234	2.6	5	DO-15
P6KE180	P6KE180C	P6KE180	P6KE180C	146	162	198	1	258	2.3	5	DO-15

P6KE180A	P6KE180CA	P6KE180A	P6KE180CA	154	171	189	1	246	2.4	5	DO-15
P6KE200	P6KE200C	P6KE200	P6KE200C	162	180	220	1	287	2.1	5	DO-15
P6KE200A	P6KE200CA	P6KE200A	P6KE200CA	171	190	210	1	274	2.2	5	DO-15
P6KE220	P6KE220C	P6KE220	P6KE220C	175	198	242	1	344	1.8	5	DO-15
P6KE220A	P6KE220CA	P6KE220A	P6KE220CA	185	209	231	1	328	1.8	5	DO-15
P6KE250	P6KE250C	P6KE250	P6KE250C	202	225	275	1	360	1.7	5	DO-15
P6KE250A	P6KE250CA	P6KE250A	P6KE250CA	214	237	263	1	344	1.8	5	DO-15
P6KE300	P6KE300C	P6KE300	P6KE300C	243	270	330	1	430	1.4	5	DO-15
P6KE300A	P6KE300CA	P6KE300A	P6KE300CA	256	285	315	1	414	1.5	5	DO-15
P6KE350	P6KE350C	P6KE350	P6KE350C	284	315	385	1	504	1.2	5	DO-15
P6KE350A	P6KE350CA	P6KE350A	P6KE350CA	300	332	368	1	482	1.3	5	DO-15
P6KE400	P6KE400C	P6KE400	P6KE400C	324	360	440	1	574	1.1	5	DO-15
P6KE400A	P6KE400CA	P6KE400A	P6KE400CA	342	380	420	1	548	1.1	5	DO-15
P6KE440	P6KE440C	P6KE440	P6KE440C	356	396	484	1	631	1	5	DO-15
P6KE440A	P6KE440CA	P6KE440A	P6KE440CA	376	418	462	1	600	1	5	DO-15
1.5KESMC6.8		SMC6.8		5.5	6.12	7.48	10	10.8	139	1000	SMC
1.5KESMC6.8A		SMC6.8A		5.8	6.45	7.14	10	10.5	143	1000	SMC
1.5KESMC7.5		SMC7.5		6.05	6.75	8.25	10	11.7	128	500	SMC
1.5KESMC7.5A		SMC7.5A		6.4	7.13	7.88	10	11.3	132	500	SMC
1.5KESMC8.2		SMC8.2		6.63	7.38	9.02	10	12.5	120	200	SMC
1.5KESMC8.2A		SMC8.2A		7.02	7.79	8.61	10	12.1	124	200	SMC
1.5KESMC9.1		SMC9.1		7.37	8.19	10	1	13.8	109	50	SMC
1.5KESMC9.1A		SMC9.1A		7.78	8.65	9.5	1	13.4	112	50	SMC
1.5KESMC10		SMC10		8.1	9	11	1	15	100	10	SMC
1.5KESMC10A		SMC10A		8.55	9.5	10.5	1	14.5	103	10	SMC
1.5KESMC11		SMC11		8.92	9.9	12.1	1	16.2	93	5	SMC
1.5KESMC11A		SMC11A		9.4	10.5	11.6	1	15.6	96	5	SMC
1.5KESMC12		SMC12		9.72	10.8	13.2	1	17.3	87	5	SMC
1.5KESMC12A		SMC12A		10.2	11.4	12.6	1	16.7	90	5	SMC

1.5KESMC13		SMC13		10.5	11.7	14.3	1	19	79	5	SMC
1.5KESMC13A		SMC13A		11.1	12.4	13.7	1	18.2	82	5	SMC
1.5KESMC15		SMC15		12.1	13.5	16.5	1	22	68	5	SMC
1.5KESMC15A		SMC15A		12.8	14.3	15.8	1	21.2	71	5	SMC
1.5KESMC16		SMC16		12.9	14.4	17.6	1	23.5	64	5	SMC
1.5KESMC16A		SMC16A		13.6	15.2	16.8	1	22.5	67	5	SMC
1.5KESMC18		SMC18		14.5	16.2	19.8	1	26.5	56.5	5	SMC
1.5KESMC18A		SMC18A		15.3	17.1	18.9	1	25.2	59.5	5	SMC
1.5KESMC20		SMC20		16.2	18	22	1	29.1	51.5	5	SMC
1.5KESMC20A		SMC20A		17.1	19	21	1	27.7	54	5	SMC
1.5KESMC22		SMC22		17.8	19.8	24.2	1	31.9	47	5	SMC
1.5KESMC22A		SMC22A		18.8	20.9	23.1	1	30.6	49	5	SMC
1.5KESMC24		SMC24		19.4	21.6	26.4	1	34.7	43	5	SMC
1.5KESMC24A		SMC24A		20.5	22.8	25.2	1	33.2	45	5	SMC
1.5KESMC27		SMC27		21.8	24.3	29.7	1	39.1	38.5	5	SMC
1.5KESMC27A		SMC27A		23.1	25.7	28.4	1	37.5	40	5	SMC
1.5KESMC30		SMC30		24.3	27	33	1	43.5	34.5	5	SMC
1.5KESMC30A		SMC30A		25.6	28.5	31.5	1	41.4	36	5	SMC
1.5KESMC33		SMC33		26.8	29.7	36.3	1	47.7	31.5	5	SMC
1.5KESMC33A		SMC33A		28.2	31.4	34.7	1	45.7	33	5	SMC
1.5KESMC36		SMC36		29.1	32.4	39.6	1	52	9	5	SMC
1.5KESMC36A		SMC36A		30.8	34.2	37.8	1	49.9	30	5	SMC
1.5KESMC39		SMC39		31.6	35.1	42.9	1	56.4	26.5	5	SMC
1.5KESMC39A		SMC39A		33.3	37.1	41	1	53.9	28	5	SMC
1.5KESMC43		SMC43		34.8	38.7	47.3	1	61.9	24	5	SMC
1.5KESMC43A		SMC43A		36.8	40.9	45.2	1	59.3	25.3	5	SMC
1.5KESMC47		SMC47		38.1	42.3	51.7	1	67.8	22.2	5	SMC
1.5KESMC47A		SMC47A		40.2	44.7	49.4	1	64.8	23.2	5	SMC
1.5KESMC51		SMC51		41.3	45.9	56.1	1	73.5	20.4	5	SMC

1.5KESMC51A		SMC51A		43.6	48.5	53.6	1	70.1	21.4	5	SMC
1.5KESMC56		SMC56		45.6	50.4	61.6	1	80.5	18.6	5	SMC
1.5KESMC56A		SMC56A		47.8	53.2	58.8	1	77	19.5	5	SMC
1.5KESMC62		SMC62		50.2	55.8	68.2	1	89	16.9	5	SMC
1.5KESMC62A		SMC62A		53	58.9	65.1	1	85	17.7	5	SMC
1.5KESMC68		SMC68		55.1	61.2	74.8	1	98	15.3	5	SMC
1.5KESMC68A		SMC68A		58.1	64.6	71.4	1	92	16.3	5	SMC
1.5KESMC75		SMC75		60.7	67.5	82.5	1	108	13.9	5	SMC
1.5KESMC75A		SMC75A		64.1	71.3	78.8	1	103	14.6	5	SMC
1.5KESMC82		SMC82		66.4	73.8	90.2	1	118	12.7	5	SMC
1.5KESMC82A		SMC82A		70.1	77.9	86.1	1	113	1.3	5	SMC
1.5KESMC91		SMC91		73.7	81.9	100	1	131	11.4	5	SMC
1.5KESMC91A		SMC91A		77.8	86.5	95.5	1	125	12	5	SMC
1.5KESMC100		SMC100		81	90	110	1	144	10.4	5	SMC
1.5KESMC100A		SMC100A		85.5	95	105	1	137	11	5	SMC
1.5KESMC110		SMC110		89.2	99	121	1	158	9.5	5	SMC
1.5KESMC110A		SMC110A		94	105	116	1	152	9.9	5	SMC
1.5KESMC120		SMC120		97.2	108	132	1	173	8.7	5	SMC
1.5KESMC120A		SMC120A		102	114	126	1	165	9.1	5	SMC
1.5KESMC130		SMC130		105	117	143	1	187	8	5	SMC
1.5KESMC130A		SMC130A		111	124	137	1	179	8.4	5	SMC
1.5KESMC150		SMC150		121	135	165	1	215	7	5	SMC
1.5KESMC150A		SMC150A		128	143	158	1	207	7.2	5	SMC
1.5KESMC160		SMC160		130	144	176	1	230	6.5	5	SMC
1.5KESMC160A		SMC160A		136	152	168	1	219	6.8	5	SMC
1.5KESMC170		SMC170		138	153	187	1	244	6.2	5	SMC
1.5KESMC170A		SMC170A		145	162	179	1	234	6.4	5	SMC
1.5KESMC180		SMC180		146	162	198	1	258	5.8	5	SMC
1.5KESMC180A		SMC180A		154	171	189	1	246	6.1	5	SMC

1.5KESMC200		SMC200		162	180	220	1	287	5.2	5	SMC
1.5KESMC200A		SMC200A		171	190	210	1	274	5.5	5	SMC
1.5KESMC220		SMC220		175	198	242	1	344	4.3	5	SMC
1.5KESMC220A		SMC220A		185	209	231	1	328	4.6	5	SMC
1.5KESMC250		SMC250		202	225	275	1	360	5	5	SMC
1.5KESMC250A		SMC250A		214	237	263	1	344	5	5	SMC
1.5KESMC300		SMC300		243	270	330	1	430	5	5	SMC
1.5KESMC300A		SMC300A		256	285	315	1	414	5	5	SMC
1.5KESMC350		SMC350		284	315	385	1	504	4	5	SMC
1.5KESMC350A		SMC350A		300	332	368	1	482	4	5	SMC
1.5KESMC400		SMC400		324	360	440	1	574	4	5	SMC
1.5KESMC400A		SMC400A		342	380	420	1	548	4	5	SMC
1.5KESMC440		SMC440		356	396	484	1	631	2.4	5	SMC
1.5KESMC440A		SMC440A		376	418	462	1	600	2.5	5	SMC
1.5KE36	1.5KE36C	1.5KE36	1.5KE36C	29.1	32.4	39.6	1	52	9	5	DO-201AD
1.5KE36A	1.5KE36CA	1.5KE36A	1.5KE36CA	30.8	34.2	37.8	1	49.9	30	5	DO-201AD
1.5KE39	1.5KE39C	1.5KE39	1.5KE39C	31.6	35.1	42.9	1	56.4	26.5	5	DO-201AD
1.5KE39A	1.5KE39CA	1.5KE39A	1.5KE39CA	33.3	37.1	41	1	53.9	28	5	DO-201AD
1.5KE43	1.5KE43C	1.5KE43	1.5KE43C	34.8	38.7	47.3	1	61.9	24	5	DO-201AD
1.5KE43A	1.5KE43CA	1.5KE43A	1.5KE43CA	36.8	40.9	45.2	1	59.3	25.3	5	DO-201AD
1.5KE47	1.5KE47C	1.5KE47	1.5KE47C	38.1	42.3	51.7	1	67.8	22.2	5	DO-201AD
1.5KE47A	1.5KE47CA	1.5KE47A	1.5KE47CA	40.2	44.7	49.4	1	64.8	23.2	5	DO-201AD
1.5KE51	1.5KE51C	1.5KE51	1.5KE51C	41.3	45.9	56.1	1	73.5	20.4	5	DO-201AD
1.5KE51A	1.5KE51CA	1.5KE51A	1.5KE51CA	43.6	48.5	53.6	1	70.1	21.4	5	DO-201AD
1.5KE56	1.5KE56C	1.5KE56	1.5KE56C	45.6	50.4	61.6	1	80.5	18.6	5	DO-201AD
1.5KE56A	1.5KE56CA	1.5KE56A	1.5KE56CA	47.8	53.2	58.8	1	77	19.5	5	DO-201AD
1.5KE62	1.5KE62C	1.5KE62	1.5KE62C	50.2	55.8	68.2	1	89	16.9	5	DO-201AD
1.5KE62A	1.5KE62CA	1.5KE62A	1.5KE62CA	53	58.9	65.1	1	85	17.7	5	DO-201AD



1.5KE68	1.5KE68C	1.5KE68	1.5KE68C	55.1	61.2	74.8	1	98	15.3	5	DO-201AD
1.5KE68A	1.5KE68CA	1.5KE68A	1.5KE68CA	58.1	64.6	71.4	1	92	16.3	5	DO-201AD
1.5KE75	1.5KE75C	1.5KE75	1.5KE75C	60.7	67.5	82.5	1	108	13.9	5	DO-201AD
1.5KE75A	1.5KE75CA	1.5KE75A	1.5KE75CA	64.1	71.3	78.8	1	103	14.6	5	DO-201AD
1.5KE82	1.5KE82C	1.5KE82	1.5KE82C	66.4	73.8	90.2	1	118	12.7	5	DO-201AD
1.5KE82A	1.5KE82CA	1.5KE82A	1.5KE82CA	70.1	77.9	86.1	1	113	1.3	5	DO-201AD
1.5KE91	1.5KE91C	1.5KE91	1.5KE91C	73.7	81.9	100	1	131	11.4	5	DO-201AD
1.5KE91A	1.5KE91CA	1.5KE91A	1.5KE91CA	77.8	86.5	95.5	1	125	12	5	DO-201AD
1.5KE100	1.5KE100C	1.5KE100	1.5KE100C	81	90	110	1	144	10.4	5	DO-201AD
1.5KE100A	1.5KE100CA	1.5KE100A	1.5KE100CA	85.5	95	105	1	137	11	5	DO-201AD
1.5KE110	1.5KE110C	1.5KE110	1.5KE110C	89.2	99	121	1	158	9.5	5	DO-201AD
1.5KE110A	1.5KE110CA	1.5KE110A	1.5KE110CA	94	105	116	1	152	9.9	5	DO-201AD
1.5KE120	1.5KE120C	1.5KE120	1.5KE120C	97.2	108	132	1	173	8.7	5	DO-201AD
1.5KE120A	1.5KE120CA	1.5KE120A	1.5KE120CA	102	114	126	1	165	9.1	5	DO-201AD
1.5KE130	1.5KE130C	1.5KE130	1.5KE130C	105	117	143	1	187	8	5	DO-201AD
1.5KE130A	1.5KE130CA	1.5KE130A	1.5KE130CA	111	124	137	1	179	8.4	5	DO-201AD
1.5KE150	1.5KE150C	1.5KE150	1.5KE150C	121	135	165	1	215	7	5	DO-201AD
1.5KE150A	1.5KE150CA	1.5KE150A	1.5KE150CA	128	143	158	1	207	7.2	5	DO-201AD
1.5KE160	1.5KE160C	1.5KE160	1.5KE160C	130	144	176	1	230	6.5	5	DO-201AD
1.5KE160A	1.5KE160CA	1.5KE160A	1.5KE160CA	136	152	168	1	219	6.8	5	DO-201AD
1.5KE170	1.5KE170C	1.5KE170	1.5KE170C	138	153	187	1	244	6.2	5	DO-201AD
1.5KE170A	1.5KE170CA	1.5KE170A	1.5KE170CA	145	162	179	1	234	6.4	5	DO-201AD
1.5KE180	1.5KE180C	1.5KE180	1.5KE180C	146	162	198	1	258	5.8	5	DO-201AD
1.5KE180A	1.5KE180CA	1.5KE180A	1.5KE180CA	154	171	189	1	246	6.1	5	DO-201AD
1.5KE200	1.5KE200C	1.5KE200	1.5KE200C	162	180	220	1	287	5.2	5	DO-201AD
1.5KE200A	1.5KE200CA	1.5KE200A	1.5KE200CA	171	190	210	1	274	5.5	5	DO-201AD
1.5KE220	1.5KE220C	1.5KE220	1.5KE220C	175	198	242	1	344	4.3	5	DO-201AD
1.5KE220A	1.5KE220CA	1.5KE220A	1.5KE220CA	185	209	231	1	328	4.6	5	DO-201AD
1.5KE250	1.5KE250C	1.5KE250	1.5KE250C	202	225	275	1	360	5	5	DO-201AD

1.5KE250A	1.5KE250CA	1.5KE250A	1.5KE250CA	214	237	263	1	344	5	5	DO-201AD
1.5KE300	1.5KE300C	1.5KE300	1.5KE300C	243	270	330	1	430	5	5	DO-201AD
1.5KE300A	1.5KE300CA	1.5KE300A	1.5KE300CA	256	285	315	1	414	5	5	DO-201AD
1.5KE350	1.5KE350C	1.5KE350	1.5KE350C	284	315	385	1	504	4	5	DO-201AD
1.5KE350A	1.5KE350CA	1.5KE350A	1.5KE350CA	300	332	368	1	482	4	5	DO-201AD
1.5KE400	1.5KE400C	1.5KE400	1.5KE400C	324	360	440	1	574	4	5	DO-201AD
1.5KE400A	1.5KE400CA	1.5KE400A	1.5KE400CA	342	380	420	1	548	4	5	DO-201AD
1.5KE440	1.5KE440C	1.5KE440	1.5KE440C	356	396	484	1	631	2.4	5	DO-201AD
1.5KE440A	1.5KE440CA	1.5KE440A	1.5KE440CA	376	418	462	1	600	2.5	5	DO-201AD

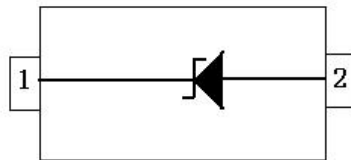
Note: 1. Devices with suffix "A" mean its  $V_{BR}$  range of  $\pm 5\%$ ; Devices without suffix "A" indicate its  $V_{BR}$  range of  $\pm 10\%$ .

2. For Bidirectional use "C" or "CA" Suffix, Devices with suffix "C" mean its  $V_{BR}$  range of  $\pm 10\%$ ; Devices without suffix "CA" indicate its  $V_{BR}$  range of  $\pm 5\%$ .

3. Devices with suffix 'CA' don't have colour ring

Style:

1. Devices without suffix "CA"



2. Devices with suffix "CA"

