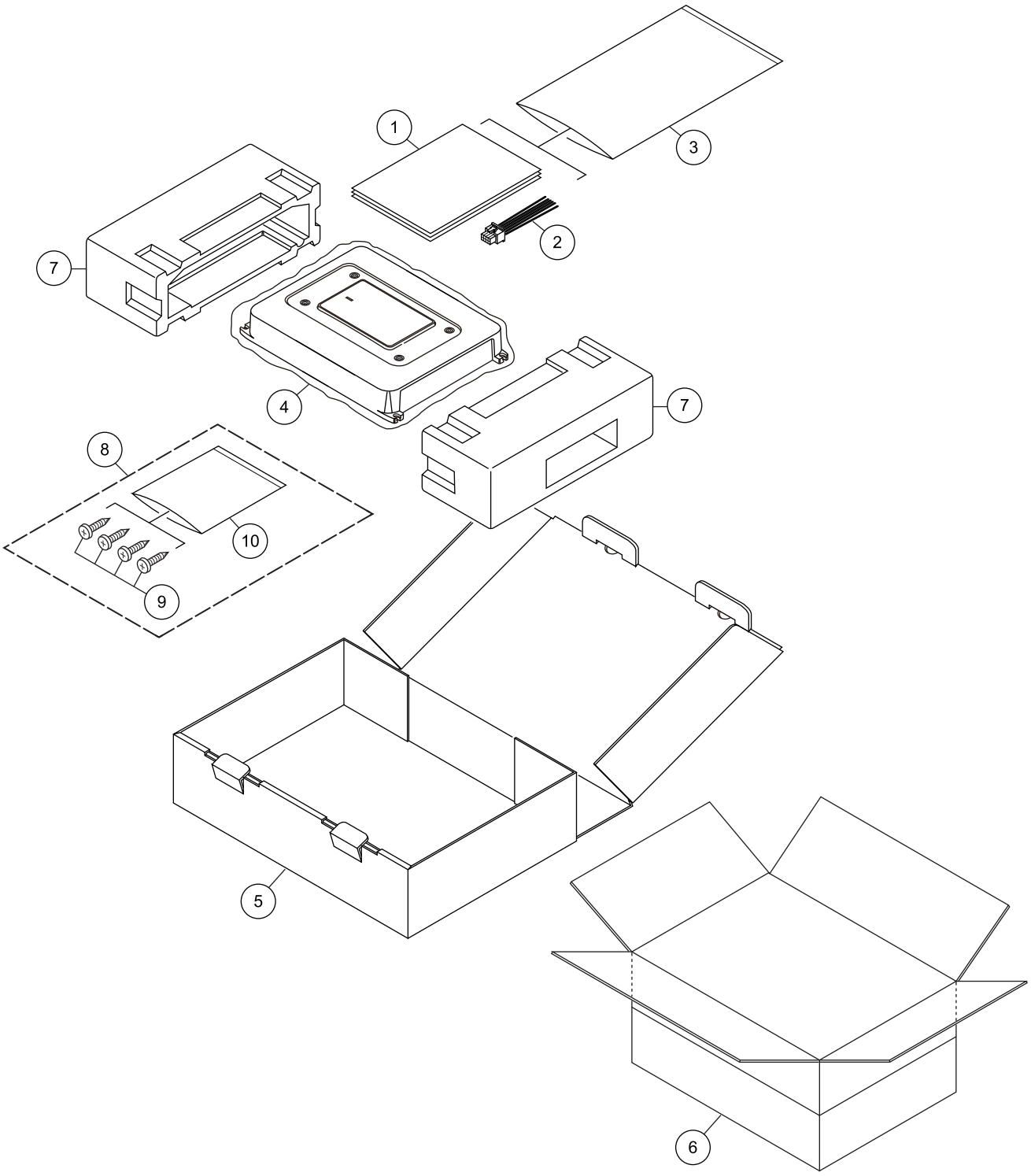
9. EXPLODED VIEWS AND PARTS LIST

NOTES : • *Parts marked by " * " are generally unavailable because they are not in our Master Spare Parts List.*
• *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
• *Screw adjacent to▽ mark on the product are used for disassembly.*
• *For the applying amount of lubricants or glue, follow the instructions in this manual. (In the case of no amount instructions,apply as you think it appropriate.)*

9.1 PACKING



(1) PACKING SECTION PARTS LIST

Mark	No.	Description	Part No.
*	1-1	Caution Card	See Contrast table (2)
*	1-2	Warranty Card	See Contrast table (2)
	1-3	Owner's Manual	See Contrast table (2)
	2	Cord Assy	CZD5517
	3	Polyethylene Bag	CZE2962
	4	Polyethylene Bag	See Contrast table (2)
	5	Unit Box	See Contrast table (2)
	6	Contain Box	See Contrast table (2)
	7	Cushion	CZH6698
	8	Screw Assy	CEA5330
	9	Screw	BYC40P180FTB
*	10	Polyethylene Sheet	CNM4338

(2) CONTRAST TABLE

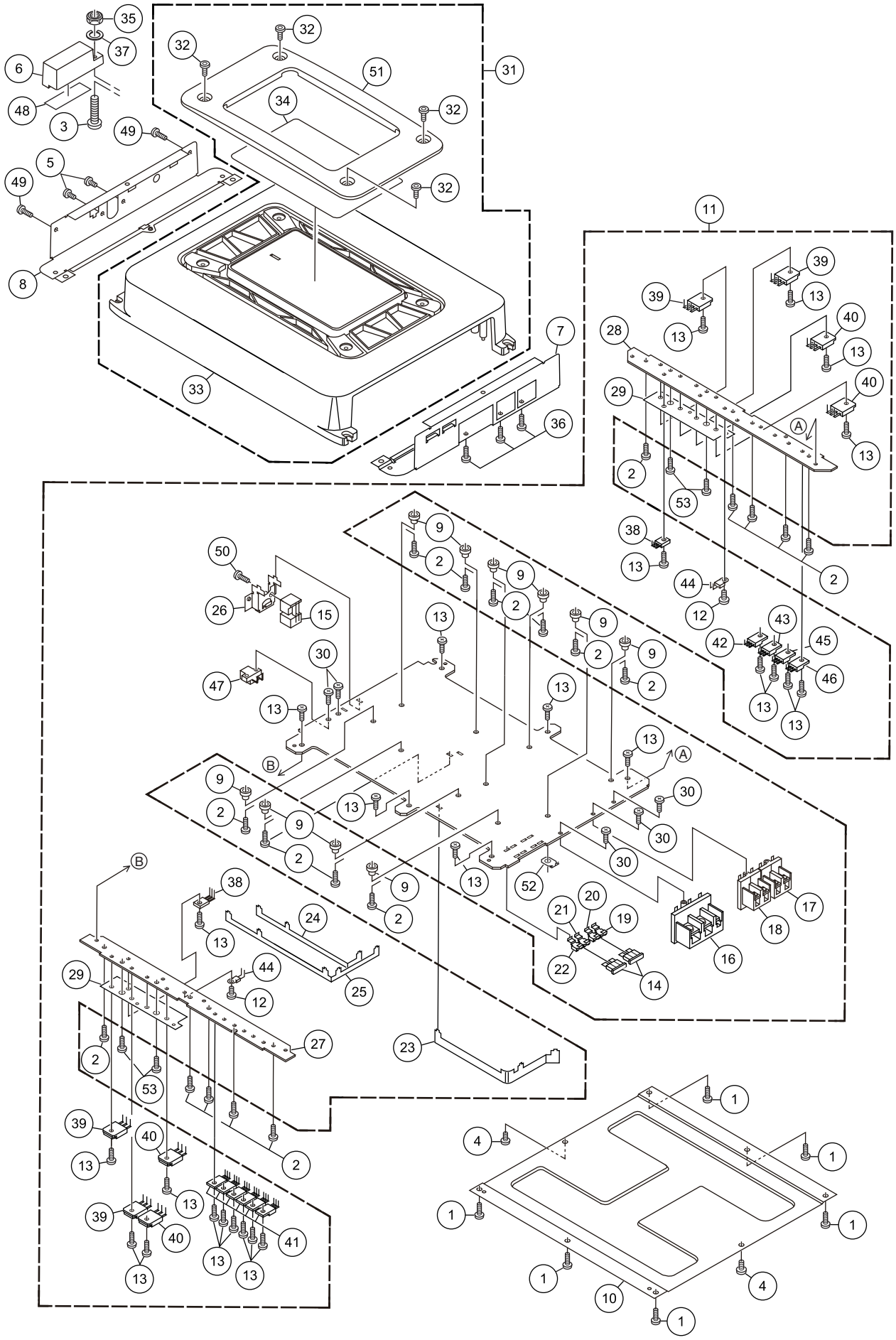
GM-5400T/XJ/UC, GM-5400T/XJ/EW5 and GM-5400T/XJ/ES are constructed the same except for the following:

Mark	No.	Description	GM-5400T/XJ/UC	GM-5400T/XJ/EW5	GM-5400T/XJ/ES
*	1-1	Caution Card	CZR5560	Not used	Not used
*	1-2	Warranty Card	CRY1276	CRY1279	Not used
	1-3	Owner's Manual	CZR5552	CZR5551	CZR5553
	4	Polyethylene Bag	CEG1351	*CZE2987	*CZE2987
	5	Unit Box	CZH6684	CZH6682	CZH6686
	6	Contain Box	CZH6685	CZH6683	CZH6687

Owner's Manual,Installation Manual

Part No.	Language
CZR5552	English, French, Spanish(Espanol)
CZR5551	English, Spanish(Espanol), German, French, Italian, Dutch, Russian
CZR5553	English, Spanish(Espanol), Portuguese(B), Arabic

9.2 EXTERIOR



(1) EXTERIOR SECTION PARTS LIST

Mark	No.	Description	Part No.
	1	Screw	BBZ30P100FTC
	2	Screw	BBZ30P120FTC
*	3	Screw	See Contrast table (2)
	4	Screw	BSZ26P060FTB
	5	Screw	BSZ30P060FTB
	6	Holder	See Contrast table (2)
	7	Plate	CZN8435
	8	Plate	CZN8438
	9	Spacer	CZN8440
	10	Chassis	CZN8441
	11	Amp Unit	See Contrast table (2)
	12	Screw	BBZ30P080FTB
	13	Screw	BBZ30P100FTC
⚠	14	Fuse(30 A)	CEK1330
	15	Pin Jack(JA101)	CKB1068
	16	Terminal(JA801)	CKE1055
	17	Terminal(JA501)	CKE1057
	18	Terminal(JA502)	CKE1057
	19	Terminal(JA802)	CND2458
	20	Terminal(JA803)	CND2458
	21	Terminal(JA804)	CND2458
	22	Terminal(JA805)	CND2458
*	23	Bas Bar(1)	CZN8425
*	24	Bas Bar(5)	CZN8429
*	25	Bas Bar(3)	CZN8427
	26	Holder	CZN8430
*	27	Heat Sink	CZN8432
*	28	Heat Sink	CZN8433
	29	Sheet	CZN8443
	30	Screw	PPZ30P100FNN
	31	Case Unit	See Contrast table (2)
	32	Screw	BBZ30H060FTB
*	33	Heat Sink	See Contrast table (2)
	34	Plate Assy	See Contrast table (2)
	35	Nut	See Contrast table (2)
	36	Screw	PPZ30P100FTB
*	37	Washer	See Contrast table (2)
	38	Transistor(Q515,516)	KTC3114
	39	Transistor(Q523,524,525,526)	2SC5358
	40	Transistor(Q527,528,529,530)	2SA1986
	41	Transistor(Q805,806,807,808,809,810)	FKV550N
	42	Transistor(Q811)	KTC2026
	43	Transistor(Q812)	KTA1046
	44	Thermistor(TH701,702)	CCX1057
	45	Diode(D801)	FML22S
	46	Diode(D802)	FML22R
	47	Socket(J1)	CKM1463
*	48	Seal	CAN3984
	49	Screw	BBZ30P080FTB
	50	Screw	PPZ30P100FTB
	51	Plate	CZN8417
	52	Earth Terminal(KN801)	CZK2969
	53	Screw	PBZ30P120FTB

(2) CONTRAST TABLE

GM-5400T/XJ/UC, GM-5400T/XJ/EW5 and GM-5400T/XJ/ES are constructed the same except for the following:

Mark	No.	Description	GM-5400T/XJ/UC	GM-5400T/XJ/EW5	GM-5400T/XJ/ES
*	3	Screw	BMZ40P250FTB	Not used	Not used
	6	Holder	CNV8522	Not used	Not used
	7	Plate	CZN8435	CZN8435	CZN8435
	11	Amp Unit	CZW5578	CZW5577	CZW5577
	31	Case Unit	CZX6645	CZX6644	CZX6646
*	33	Heat Sink	CZN8444	CZN8416	CZN8416
	34	Plate Assy	CZX6639	CZX6638 CZX6639	
	35	Nut	NB40FTB	Not used	Not used
*	37	Washer	WB45FTB	Not used	Not used

12. ELECTRICAL PARTS LIST

NOTE:

- *Parts whose parts numbers are omitted are subject to being not supplied.*
- *The part numbers shown below indicate chip components.*

  Chip Resistor

  RS1/◯S◯◯◯J,RS1/◯◯S◯◯◯J

  Chip Capacitor (except for CQS.....)

  CKS....., CCS....., CSZS.....
- *The ⚠ mark found on some component parts indicates the importance of the safety factor of the part. Therefore, when replacing, be sure to use parts of identical designation.*
- *Meaning of the figures and others in the parentheses in the parts list.*

  Example) IC 301 is on the point (face A, 91 of x-axis, and 111 of y-axis) of the corresponding PC board.

  IC 301 (A, 91, 111) IC NJM2068V
- *The expression of the unit in this manual is shown by u instead of µ. Please do not make a mistake.*

A

Unit Number : CZW5578(UC)
Unit Number : CZW5577(EW5,ES)
Unit Name : Amp Unit

MISCELLANEOUS

Circuit Symbol and No.		Part No.
IC 101	IC	NJM2068MD
IC 102	IC	NJM2068MD
IC 301	IC	NJM4558MD
IC 701	IC	NJM4558MD
IC 801	IC	UPC494GS
IC 901	IC	NJM4558MD
IC 902	IC	NJM4558MD
Q 301	Transistor	KRC285S
Q 302	Transistor	KRC285S
Q 501	Transistor	2SA1037K
Q 502	Transistor	2SA1037K
Q 503	Transistor	2SC2412K
Q 504	Transistor	2SC2412K
Q 505	Transistor	2SA1037K
Q 506	Transistor	2SA1037K
Q 507	Transistor	2SC2412K
Q 508	Transistor	2SC2412K
Q 509	Transistor	2SC2412K
Q 510	Transistor	2SC2412K
Q 511	Transistor	2SA1038S
Q 512	Transistor	2SA1038S
Q 513	Transistor	2SC2389S
Q 514	Transistor	2SC2389S
Q 515	Transistor	KTC3114
Q 516	Transistor	KTC3114
Q 517	Transistor	KTD600K
Q 518	Transistor	KTD600K
Q 519	Transistor	KTB631K
Q 520	Transistor	KTB631K
Q 521	Transistor	KTC3911S
Q 522	Transistor	KTC3911S
Q 523	Transistor	2SC5358
Q 524	Transistor	2SC5358
Q 525	Transistor	2SC5358
Q 526	Transistor	2SC5358
Q 527	Transistor	2SA1986
Q 528	Transistor	2SA1986
Q 529	Transistor	2SA1986
Q 530	Transistor	2SA1986
Q 701	Transistor	2SC2412K
Q 702	Transistor	2SC2412K
Q 703	Transistor	KTA1504S
Q 704	Transistor	KTC3875S
Q 705	Transistor	KN2907AS
Q 706	Transistor	KTA1504S
Q 707	Transistor	KTC3875S
Q 708	Transistor	2SA1037K
Q 709	Transistor	KTA1504S
Q 710	Transistor	KTC3875S
Q 711	Transistor	KTC3875S
Q 712	Transistor	2SA1037K
Q 750	Transistor	KRA102S
Q 801	Transistor	2SC2411K
Q 802	Transistor	2SA1036K
Q 803	Transistor	2SA1036K
Q 804	Transistor	2SC2411K
Q 805	Transistor	FKV550N
Q 806	Transistor	FKV550N
Q 807	Transistor	FKV550N
Q 808	Transistor	FKV550N
Q 809	Transistor	FKV550N
Q 810	Transistor	FKV550N
Q 811	Transistor	KTC2026
Q 812	Transistor	KTA1046
D 101	Diode	1SS355
D 102	Diode	1SS355
D 103	Diode	1SS355
D 104	Diode	1SS355
D 105	Diode	1SS355
D 106	Diode	1SS355
D 107	Diode	1SS355

Circuit Symbol and No.		Part No.
D 108	Diode	1SS355
D 501	Diode	KDS4148U
D 502	Diode	KDS4148U
D 503	Diode	KDS4148U
D 504	Diode	KDS4148U
D 505	Diode	MA111
D 506	Diode	MA111
D 701	Diode	UDZS7R5(B)
D 702	Diode	UDZS16(B)
D 703	Diode	KDS4148U
D 704	Diode	KDZ8R2V(Y)
D 705	Diode	KDS4148U
D 706	Diode	KDS4148U
D 707	Diode	KDS4148U
D 708	Diode	UDZS3R6(B)
D 709	Diode	KDS4148U
D 710	Diode	KDS4148U
D 711	Diode	KDS4148U
D 751	Diode	UDZS6R8(B)
D 752	Diode	UDZS4R7(B)
D 801	Diode	FML22S
D 802	Diode	FML22R
D 803	Diode	EP05FA20
D 804	Diode	EP05FA20
D 805	Diode	MTZJ16(B)
D 806	Diode	MTZJ16(B)
D 841	Diode	RM4Z-LFJ4
D 842	LED	NHSB046AT
L 801	Choke Coil 45 uH	CZT2939
L 802	Choke Coil 105 uH	CZT2938
L 803	Choke Coil 105 uH	CZT2938
T 801	Transformer	CZT2940
TH701	Thermistor	CCX1057
TH702	Thermistor	CCX1057
TH703	Posistor	CZC2982
S 301	Switch(OFF/LPF)	CZS2928
S 801	Switch(BFC)(EW5,ES)	CZS2927
S 901	Switch(OFF/6dB/12dB)	CZS2929
VR301	Variable Resistor 10 kohm	CZC2975

RESISTORS

R 101		RS1/16S471J
R 102		RS1/16S471J
R 103		RS1/16S223J
R 104		RS1/16S223J
R 105	10 kohm	CCN1152
R 106	10 kohm	CCN1152
R 107	10 kohm	CCN1152
R 108	10 kohm	CCN1152
R 109	10 kohm	CCN1152
R 110	10 kohm	CCN1152
R 111	10 kohm	CCN1152
R 112	10 kohm	CCN1152
R 113		RS1/16S0R0J
R 114		RS1/16S0R0J
R 115		RS1/16S0R0J
R 116		RS1/16S0R0J
R 117		RS1/16S103J
R 118		RS1/16S103J
R 121		RS1/8S683J
R 122		RS1/8S683J
R 123		RS1/10S2R2J
R 124		RS1/10S2R2J
R 301		RS1/16S222J
R 302		RS1/16S222J
R 303		RS1/16S103J
R 304		RS1/16S103J
R 305		RS1/16S912J
R 306		RS1/16S912J
R 307		RS1/16S912J
R 308		RS1/16S912J
R 309		RS1/16S222J
R 310		RS1/16S222J
R 311		RS1/16S560J
R 312		RS1/16S560J
R 313		RS1/16S103J
R 314		RS1/16S103J
R 501		RS1/16S103J
R 502		RS1/16S103J
R 503		RS1/16S473J
R 504		RS1/16S473J
R 505		RS1/16S331J
R 506		RS1/16S331J
R 507		RS1/16S331J
R 508		RS1/16S331J
R 509		RS1/16S681J
R 510		RS1/16S681J
R 511		RS1/16S681J
R 512		RS1/16S681J
R 513		RS1/16S361J
R 514		RS1/16S361J
R 515		RS1/10S433J
R 516		RS1/10S433J
R 517		RD1/2PM223J
R 518		RD1/2PM223J
R 519		RS1/8S101J
R 520		RS1/8S101J
R 521		RS1/16S121J
R 522		RS1/16S121J
R 523		RS1/16S182J
R 524		RS1/16S182J
R 525		RS1/16S681J
R 526		RS1/16S681J
R 527		RS1/16S181J
R 528		RS1/16S181J
R 529		RS1/16S100J
R 530		RS1/16S100J
R 531		RS1/16S100J
R 532		RS1/16S100J
R 533	0.1 ohm(3 W)	CZC2973
R 534	0.1 ohm(3 W)	CZC2973
R 535	0.1 ohm(3 W)	CZC2973
R 536	0.1 ohm(3 W)	CZC2973
R 537		RS1/16S473J
R 538		RS1/16S473J
R 539		RD1/2PM100J
R 540		RD1/2PM100J
R 541		RS1/16S473J
R 542		RS1/16S473J
R 543		RS1/16S564J

Circuit Symbol and No.		Part No.
R 544		RS1/16S564J
R 547		RD1/2PM100J
R 548		RD1/2PM100J
R 549		RD1/2PM100J
R 550		RD1/2PM100J
R 551		RD1/2PM100J
R 552		RD1/2PM100J
R 553		RD1/2PM100J
R 554		RD1/2PM100J
R 555	0.1 ohm(3 W)	CZC2973
R 556	0.1 ohm(3 W)	CZC2973
R 557	0.1 ohm(3 W)	CZC2973
R 558	0.1 ohm(3 W)	CZC2973
R 559		RS1/16S473J
R 560		RS1/16S473J
R 561		RS1/16S221J
R 562		RS1/16S221J
R 701	2.2 kohm(1/4 W)	CZC2980
R 702		RS1/16S473J
R 703		RS1/16S103J
R 704		RS1/16S103J
R 705		RS1/16S332J
R 706		RS1/16S472J
R 707		RS1/16S222J
R 708		RS1/16S472J
R 709	560 ohm(1/4 W)	CZC2981
R 710		RS1/16S393J
R 711		RS1/16S393J
R 712		RS1/16S153J
R 713		RS1/16S102J
R 714		RS1/16S103J
R 715		RS1/16S152J
R 716		RS1/16S332J
R 717		RS1/16S101J
R 718		RS1/16S103J
R 719		RS1/16S103J
R 720		RS1/16S223J
R 721		RS1/16S472J
R 722		RS1/16S223J
R 723		RS1/10S222J
R 724		RS1/16S183J
R 725		RS1/16S102J
R 726		RS1/16S153J
R 727		RS1/10S221J
R 728		RS1/16S223J
R 729		RS1/16S103J
R 730		RS1/16S123J
R 731		RS1/16S273J
R 732		RS1/16S123J
R 733		RS1/16S682J
R 734		RS1/16S163J
R 735		RS1/16S123J
R 736		RS1/16S102J
R 737		RS1/16S331J
R 738		RS1/16S473J
R 742		RS1/16S334J
R 743		RS1/16S472J
R 750		RS1/16S513J
R 751		RS1/16S473J
R 752		RS1/16S332J
R 753		RS1/16S182J
R 754		RS1/16S202J
R 756		RS1/16S334J
R 757		RS1/16S103J
R 758		RS1/16S103J
R 801		RS1/16S153J
R 802	(EW5,ES)	RS1/16S105J
R 803		RS1/16S332J
R 804		RS1/16S332J
R 805		RS1/16S472J
R 806		RS1/16S472J
R 807		RS1/16S472J
R 808		RS1/16S473J
R 809		RS1/16S102J
R 810		RS1/16S153J
R 811		RS1/16S124J
R 812		RS1/16S103J
R 813		RD1/2PM121J
R 814		RD1/2PM121J
R 815		RD1/2PM121J
R 817		RD1/2PM121J
R 818		RD1/2PM121J
R 819		RD1/2PM121J
R 820		RS1/16S472J
R 821		RS1/16S472J
R 822		RD1/2PM220J
R 823		RD1/2PM220J
R 824		RD1/2PM220J
R 827		RD1/2PM391J
R 828		RD1/2PM391J
R 831	10 kohm(1/4 W)	CZC2979
R 832	10 kohm(1/4 W)	CZC2979
R 833		RS1/16S102J
R 834		RS1/16S132J
R 901		RS1/16S182J
R 902		RS1/16S182J
R 903		RS1/16S104J
R 904		RS1/16S104J
R 905		RS1/16S132J
R 906		RS1/16S132J
R 907		RS1/16S221J
R 908		RS1/16S221J
R 909		RS1/16S331J
R 910		RS1/16S331J
R 911		RS1/16S273J
R 912		RS1/16S273J

CAPACITORS

C 101	CCSRCH471J50
C 102	CCSRCH471J50
C 105	CCSRCH470J50
C 106	CCSRCH470J50
C 107	CCSRCH470J50
C 108	CCSRCH470J50
C 109	CFTLA223J50
C 110	CFTLA223J50
C 111	CEAT330M16
C 112	CEAT330M16
C 113	CCSRCH221J50

Circuit Symbol and No.		Part No.
C 114		CCSRCH221J50
C 305		CFTLA274J50
C 306		CFTLA274J50
C 307		CFTLA154J50
C 308		CFTLA154J50
C 501		CEAT101M16
C 502		CEAT101M16
C 503		CCSRCH680J50
C 504		CCSRCH680J50
C 505		CCSRCH471J50
C 506		CCSRCH471J50
C 507		CEAT101M16
C 508		CEAT101M16
C 509		CCSRCH150J50
C 510		CCSRCH150J50
C 511		CCSRCH220J50
C 512		CCSRCH220J50
C 513		CCSRCH220J50
C 514		CCSRCH220J50
C 515		CFTLA223J50
C 516		CFTLA223J50
C 517		CCSRCH220J50
C 518		CCSRCH220J50
C 519		CCSRCH220J50
C 520		CCSRCH220J50
C 521		CCSRCH220J50
C 522		CCSRCH220J50
C 523		CCSRCH220J50
C 524		CCSRCH220J50
C 525		CKSRYB333K50
C 526		CKSRYB333K50
C 527		CQMA102J50
C 528		CQMA102J50
C 531		CKSRYB103K50
C 532		CKSRYB103K50
C 702		CKSRYB103K50
C 703		CEJQ100M50
C 704		CEAT101M16
C 705		CEANP470M16
C 706		CKSRYB104K50
C 707		CEJQ220M16
C 708		CEJQ220M16
C 709		CEAT331M25
C 710		CKSRYB103K50
C 711		CEAT221M16
C 801		CCSRCH102J50
C 802		CEAT101M16
C 803		CKSRYB103K50
C 804		CKSQYB225K10
C 805		CEAT221M16
C 806		CFTLA564J50
C 807		CKSRYB224K16
C 808		CKSRYB472K50
C 809		CKSRYB472K50
C 810	3 300 uF/16 V	CZC2977
C 811	3 300 uF/16 V	CZC2977
C 812		CCSRCH222J50
C 815		CEAT221M50
C 816		CEAT221M50
C 819	2 200 uF/50 V	CZC2976
C 820	2 200 uF/50 V	CZC2976
C 821	2 200 uF/50 V	CZC2976
C 822	2 200 uF/50 V	CZC2976
C 823		CEAT470M25
C 824		CEAT470M25
C 825		CEAT470M25
C 826		CEAT470M25
C 827		CKSRYB333K50
C 828		CKSRYB333K50
C 831		CCSRCH222J50
C 841		CFTLA224J50
C 843		CCSQCH103J50
C 901		CFTLA273J50
C 902		CFTLA273J50
C 903		CEANP4R7M50
C 904		CEANP4R7M50
C 905		CFTLA224J50
C 906		CFTLA224J50