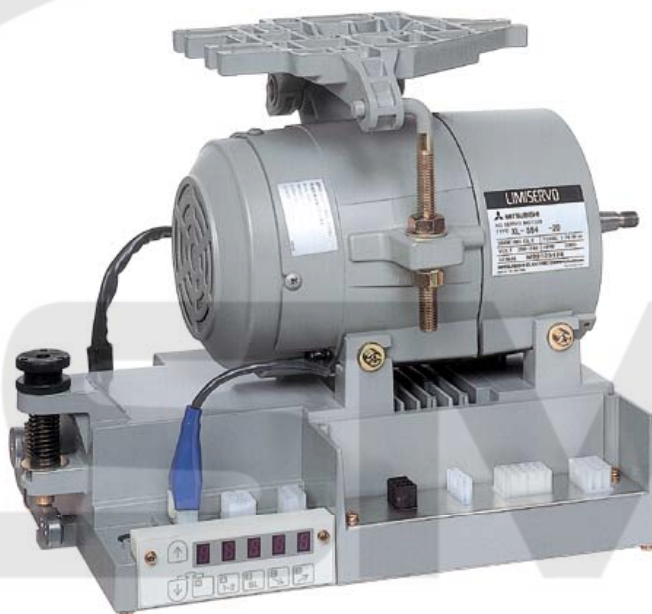


MITSUBISHI

LIMISERVO X Servo Motor Parts List

Model XL-554-20Y
XC-FMFYCE-20-05



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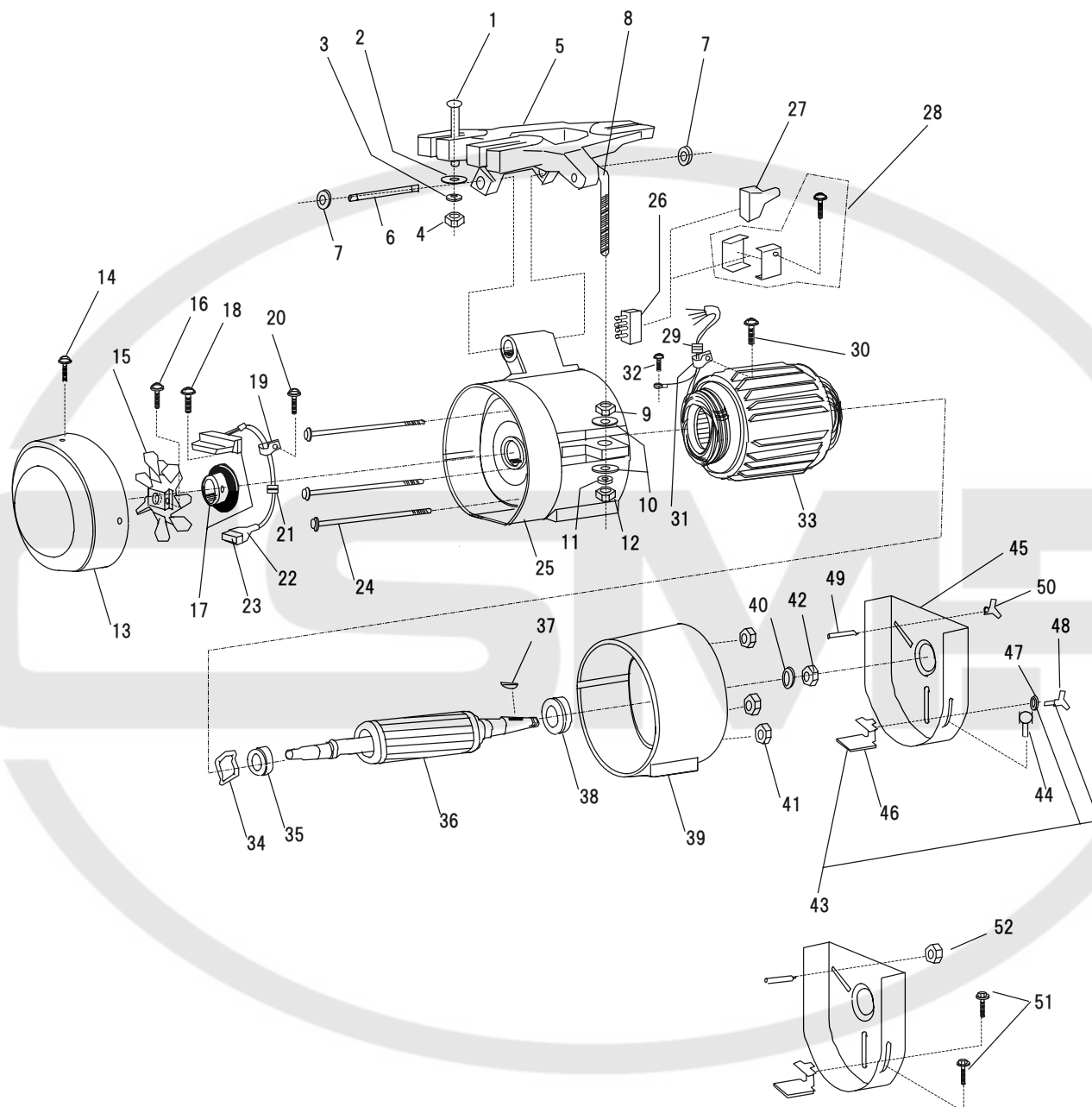
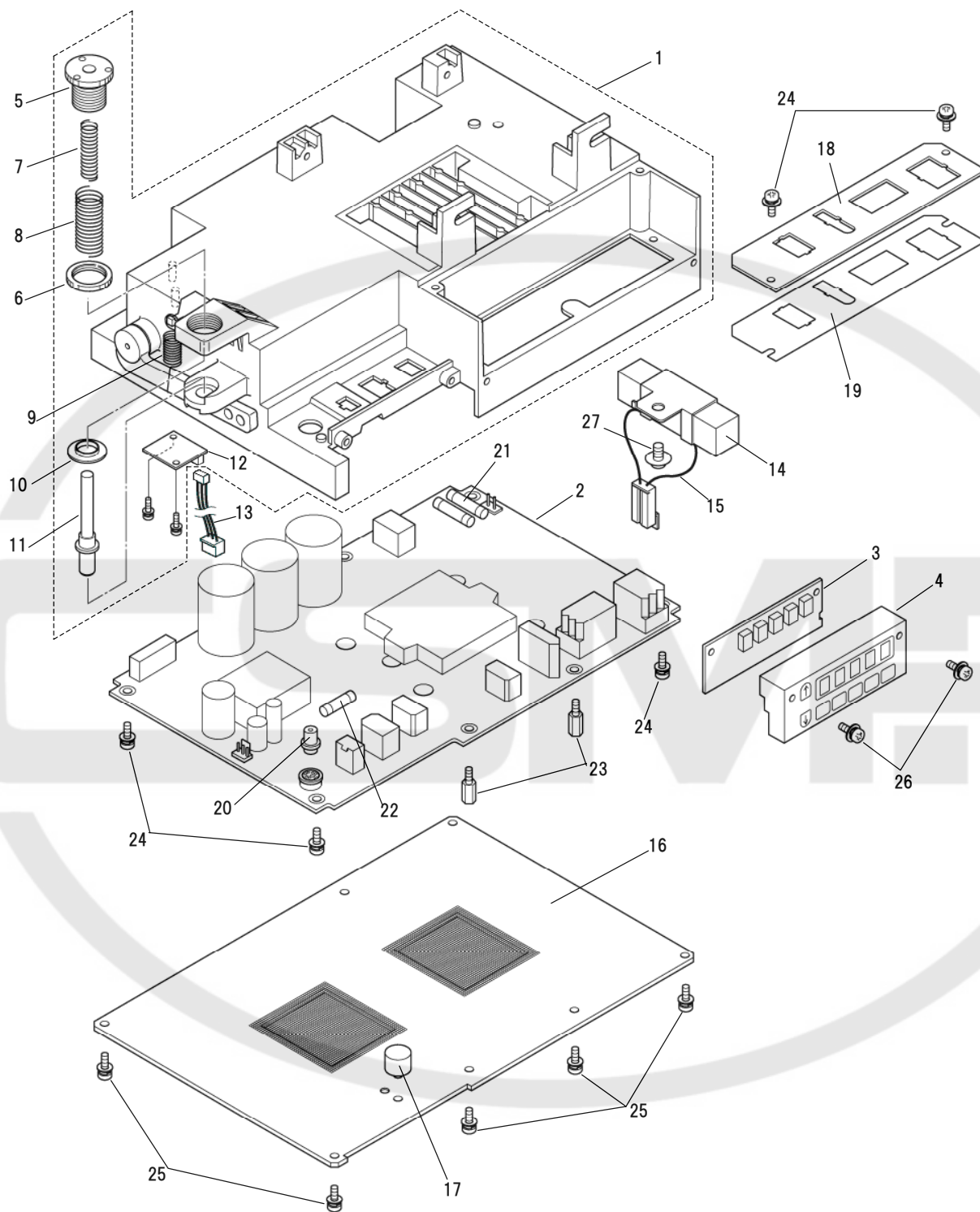


Fig No.	Mod.	Parts.No.	Description	Amt.Reg.				
				XL-554-10	XL-554-20	XL-554-10Y	XL-554-20Y	XL-554-20Y(CE)
A1		K14M90451403	Bolt M8*70	3	3	3	3	3
A2		K14M91490801	Washer	3	3	3	3	3
A3		K14S91321008	Spring Washer 8	3	3	3	3	3
A4		K14S91001008	Nut M8	3	3	3	3	3
A5		K14M97899142	Base	1	1	1	1	1
A6		K14M92187501	Base-pin	1	1	1	1	1
A7		K14S92221090	E-Ring 9	2	2	2	2	2
A8		K14M98501203	Adjusting Bolt	1	1	1	1	1
A9,A12		K14S91001010	Nut M10	2	2	2	2	2
A10		K14S91304010	Washer	1	1	1	1	1
A11,A40		K14S91321010	Spring Washer 10	1	1	1	1	1
A13		K14M97985401	Fan Cover (with Rubber)	1	1	1	1	1
A14		K14S90721408	P-Tap Screw M4*8	3	3	3	3	3
A15		K14M96431584	Fan	1	1	1	1	1
A16		K14S90741516	FT-P-Screw M5*0.8*16	1	1	1	1	1
A17		K14M75946501	Encoder	1	1	1	1	1
A18		K14S90203410	P-Screw with SW & PW M4*0.7*10	2	2	2	2	2
A19		K14S94522003	Nylon Clip HP-3N	1	1	1	1	1
A20,A30		K14S90751408	TT-P Screw M4*0.7*8	1	1	1	1	1
A21		K14M76523101	Protective Bushing KR-51	1	1	1	1	1
A22		K14M51510301	Cap 515103	1	1	1	1	1
A23		K14M17233901	Connector 172339-1	1	1	1	1	1
A24		K14M90355001	Bolt M6*1.0*140	3	3	3	3	3
A25		K14M38270145	Bracket	1	1	1	1	1
A26		K14M73493601	Connector [60-9090-304-108-005, White]	1	-	1	-	-
A26		K14M73493602	Connector [60-9090-304-118-006, Brown]	-	1	-	1	1
A27		K14M96824404	Vinyl Cap	1	1	-	-	-
A28		K14M94319501	Strain relief	-	-	2	2	2
A28		K14S90704308	P-Tap Screw (strain relief)	-	-	2	2	2
A29		K14S93501305	Protective Bushing	1	1	1	1	1
A31		K14S94522004	Nylon Clip HP-4N	1	1	1	1	1
A32		K14S90203408	P-Screw with SW & PW M4*0.7*8	1	1	1	1	1
§ A33		-----	Stator Assembly	1	1	1	1	1
A34		K14M73920134	Preload Spring	1	1	1	1	1
A35		K14S86202379	Shield ball Bearing #6202	1	1	1	1	1
A36		K14M09046401	Rotor Assembly (with shaft and spacer)	1	1	1	1	1
A37		K14S92531413	Woodruff key 4*13	1	1	1	1	1
A38		K14S86203379	Shield ball Bearing #6202	1	1	1	1	1
A39		K14M38270044	Bracket	1	1	1	1	1
A41		K14S91001006	Nut M6	3	3	3	3	3
A42		K14M91025401	Nut M10	1	1	1	1	1
A43		K14M09023108	Belt guide assy	1	1	1	1	1
A44		K14M20000001	Special Screw No.2 M4*10	2	2	2	2	-
A45		K14M96812506	Bolt cover	1	1	1	1	1
A46		K14M98877701	Bolt guide	1	1	1	1	1
A47		K14M51212010	Washer	1	1	1	1	-
A48		K14S90353410	Bolt	1	1	1	1	-
A49		K14M98501401	Protective Rod	1	1	1	1	1
A50		K14S91068005	Thumb nut	1	1	1	1	-
A51		K14S90363936	P-Bolt with SW & PW M4*0.7*12	-	-	-	-	3
A52		K14S91001005	Nut M5	-	-	-	-	1

§-mark : Please send us the information of motor (model name, voltage).



B CONTROL BOX

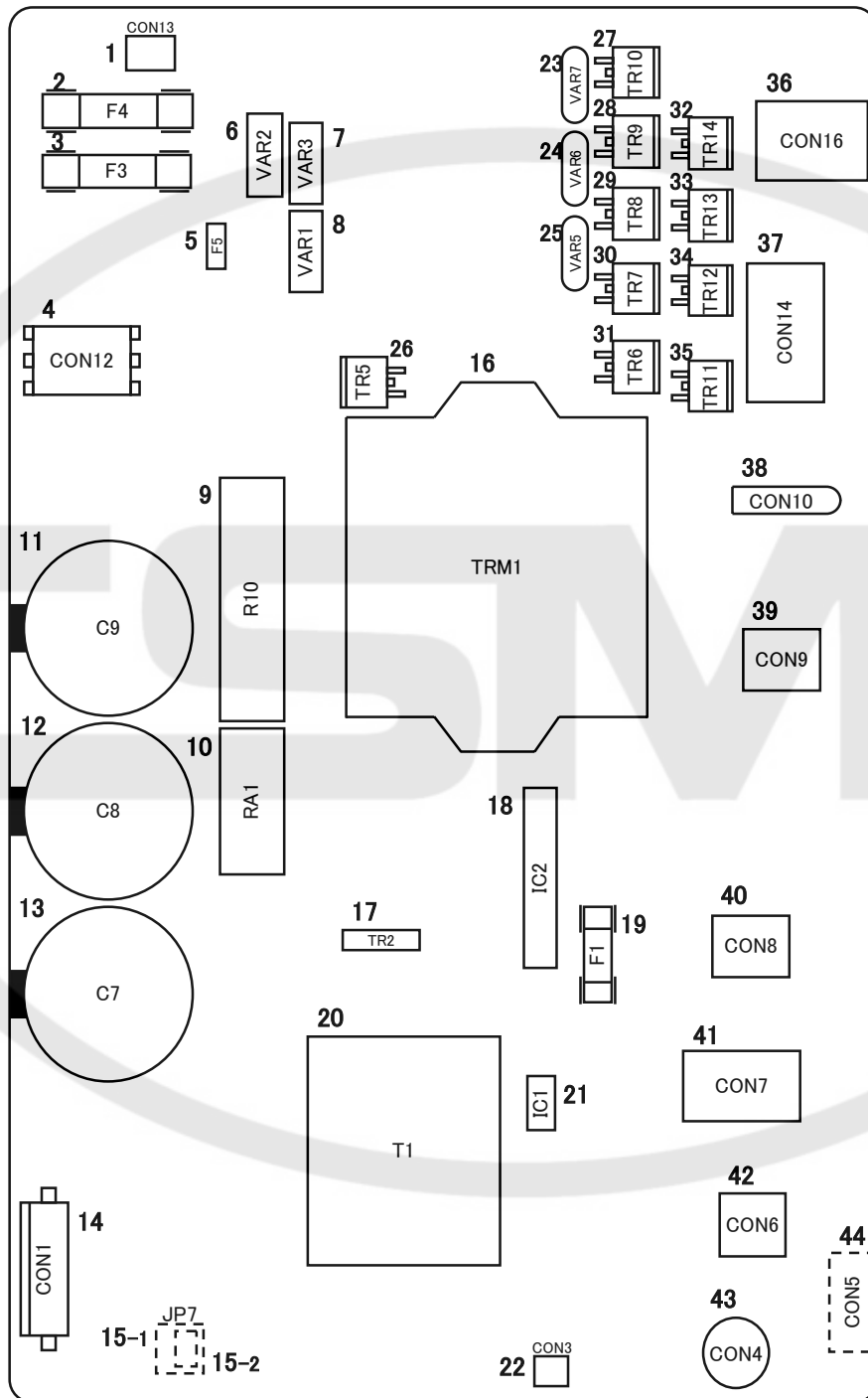
XC-F

- -

Fig No.	Mod.	Parts.No.	Description	Amt.Reg.				
				FMF-10-05	FMFY-10-05	FMF-20-05	FMFY-20-05	FMFYCE-20-05
B1		K14M72204101	Box	1	1	1	1	1
B2		K14M72204201	P.C.B assy:[XC-F1-10]	1	-	-	-	-
B2		K14M72204202	P.C.B assy:[XC-F1-10] (Y)	-	1	-	-	-
B2		K14M72204203	P.C.B assy:[XC-F1-20]	-	-	1	-	-
B2		K14M72204204	P.C.B assy:[XC-F1-20] (Y)	-	-	-	1	-
B2		K14M72204205	P.C.B assy:[XC-F1-CE]	-	-	-	-	1
B3		K14M72208111	P.C.B assy: [XC-F1-1D]	1	1	1	1	1
B4		K14M72239001	Panel assy	1	1	1	1	1
B5		K14M71237001	Adjusting Bolt	1	1	1	1	1
B6		K14M71237101	Special Nut	1	1	1	1	1
B7		K14M72073101	Coil Spring (A)	1	1	1	1	1
B8		K14M72073102	Coil Spring (B)	1	1	1	1	1
B9		K14M70173004	Coil Spring	1	1	1	1	1
B10		K14M71259101	Special Washer	1	1	1	1	1
B11		K14M71263001	Pin	1	1	1	1	1
B12		K14M72208211	P.C.B assy: [XC-F1-1C]	1	1	1	1	1
B13		K14M72226830	Cord assy.	1	1	1	1	1
B14		K14M030A101K	Resistor (100-120V)	1	1	-	-	-
B14		K14M030A221K	Resistor (200-240V)	-	-	1	1	1
B15		K14M72226230	Cord assy.	1	1	1	1	1
B16		K14M72257201	Cover	1	1	1	1	1
B17		K14M72272001	Gum	1	1	1	1	1
B18		K14M72250101	Panel	1	1	1	1	1
B19		K14M72275301	Guard	-	-	-	-	1
B20		K14M72230201	Cap	-	-	-	-	1
B21		K14S46000040	Fuse 20A	1	1	2	2	-
B21		K14S46000063	Fuse 15A	-	-	-	-	2
B22		K14S46000067	Fuse 2.5A	1	1	1	1	1
B23		K14M72269201	Support	3	3	3	3	3
B24		K14S90203410	P-screw with SW & PW M4*10	8	8	6	6	6
B25		K14S90203408	P-screw with SW & PW M4*8	9	9	9	9	9
B26		K14S90203212	P-screw with SW & PW M3*12	2	2	2	2	2
B27		K14M09046202	T.T-P screw 4*6	1	1	1	1	1

C MAIN PARTS ON CIRCUIT BOARD (FOR 200-240V)

XC-F1-20



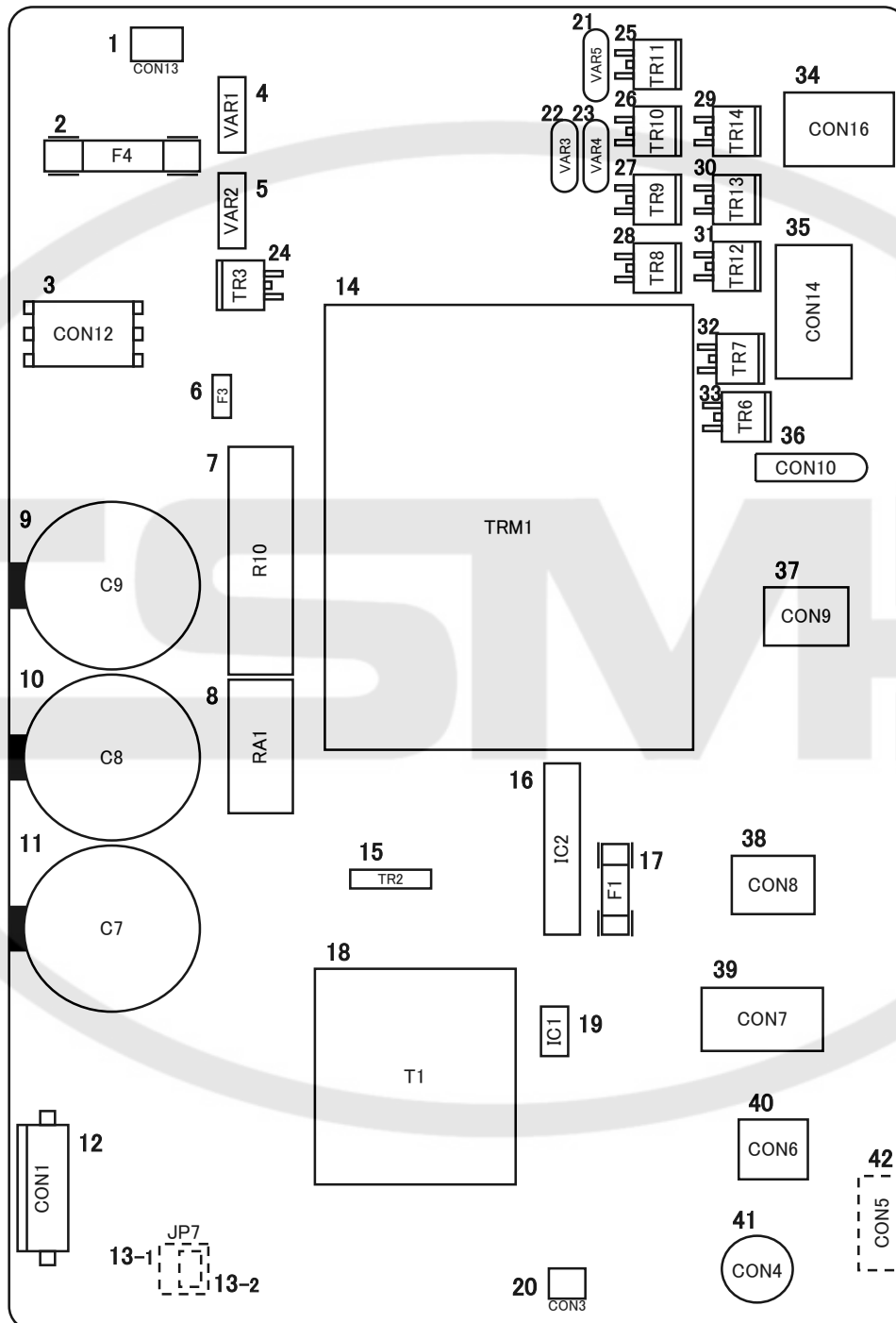
C MAIN PARTS ON CIRCUIT BOARD (FOR 200-240V)

XC-F1-20

Fig No.	Mod.	Parts.No.	Description	Amt.Reg.
				XC-F1-20
C1		K14M95074100	Connector [RTB-1.5-2F]	1
C2,3		K14M46000040	Fuse [MF60NR-20A]	2
C4		K14M95000818	Connector [00-9090-06-0105-805]	1
C5		K14M46000068	Fuse [SST 250V 2A]	1
C6-8		K14S18570243	Varistor [NV470D14]	3
C9		K14M10018500	15W 10Ω [MPS15N100J]	1
C10		K14M40000079	Relay [G2R-1A-E-ASI DC12V]	1
C11-13		K14M11000029	470μ, 450V [LLQ2W471MHLEMG]	3
C14		K14M95000950	Connector [00-9090-04-5116-805]	1
C15-1		K14M95001110	Connector [00-8261-0933-10-806]	1
C15-2		K14M95015800	Connector [00-8261-0653-06-807]	1
C16		K14M15600150	Transistor [PS11035-1]	1
C17		K14M15000216	Transistor [FS10SM-18A]	1
C18		K14M21K01188	Hybrid IC [HIC BKO-E3175H02]	1
C19		K14M46000067	Fuse [MF51NN2.5A]	1
C20		K14M62400162	Transformer [BKO-E3172H02]	1
C21		K14M21000021	IC [NJM7805FA]	1
C22		K14M95064600	Connector [00-8263-0312-00-000]	1
C23-25		K14M16900002	Varistor [TNR15G220K]	3
C26		K14M15000218	Transistor [FS4VS-12-T11]	1
C27-29,31-35		K14M15000040	Transistor [FS10VSJ-2-T11]	8
C30		K14M15000202	Transistor [2SJ412(TE24L)]	1
C36		K14M72279204	Connector [E722C792G04]	1
C37		K14M72279205	Connector [E722C792G05]	1
C38		K14M72279201	Connector [E722C792G01]	1
C39		K14M72279203	Connector [E722C792G03]	1
C40		K14M72279202	Connector [E722C792G02]	1
C41		K14M72279206	Connector [E722C792G06]	1
C42		K14M72279301	Connector [E722D793G01]	1
C43		K14M95000027	Connector [TCS7668-01-201]	1
C44		K14M95000826	Connector [15PS-JE]	1

D MAIN PARTS ON CIRCUIT BOARD (FOR 100-120V)

XC-F1-10



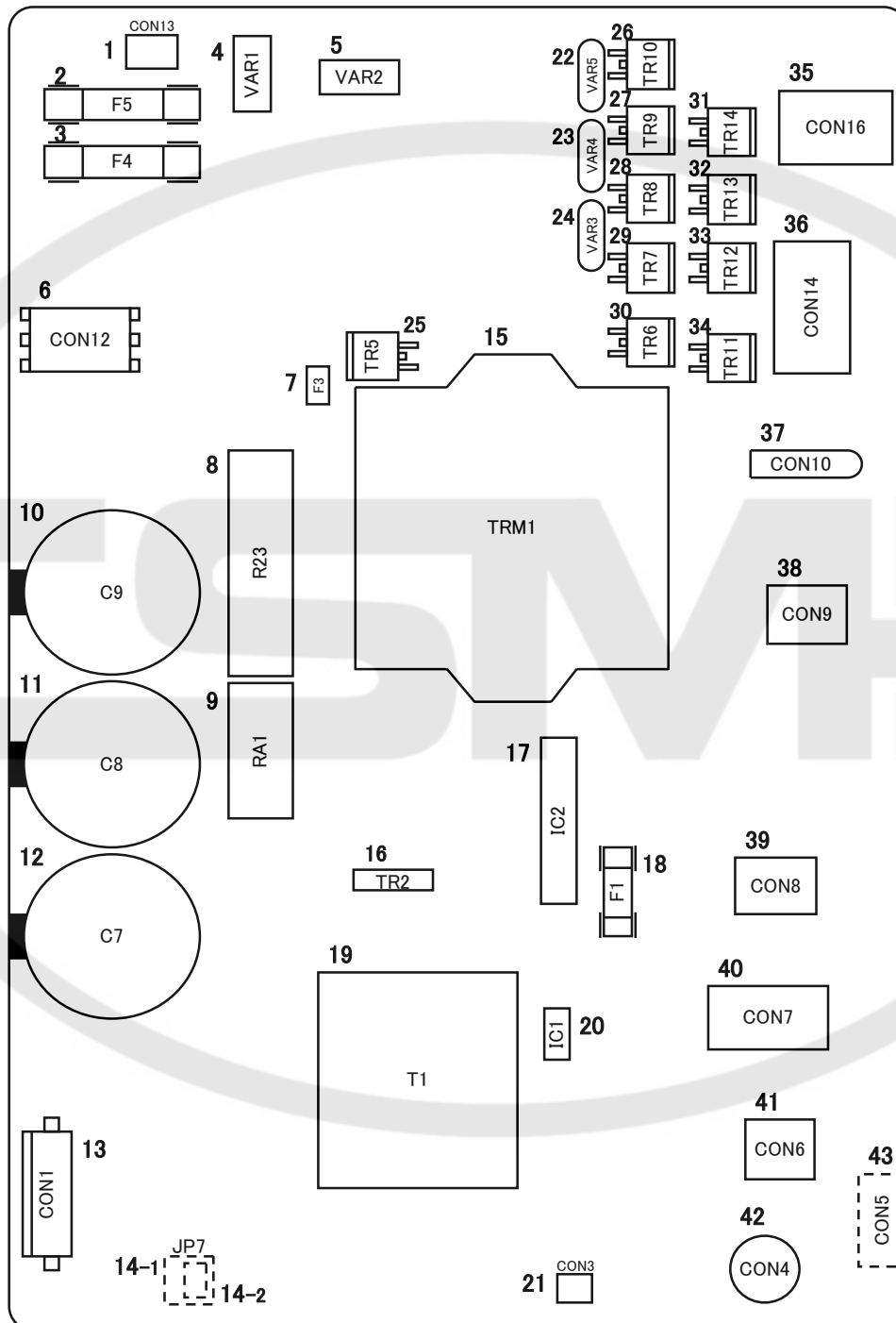
D MAIN PARTS ON CIRCUIT BOARD (FOR 100-120V)

XC-F1-10

Fig No.	Mod.	Parts.No.	Description	Amt.Reg.
				XC-F1-10
D1		K14M95074100	Connector [RTB-1.5-2F]	1
D2		K14M46000040	Fuse [MF60NR-20A]	1
D3		K14M95000818	Connector [00-9090-06-0105-805]	1
D4-5		K14M16910900	Varistor [NV220D14]	2
D6		K14M46000068	Fuse [SST 250V 2A]	1
D7		K14M10018600	15W 5.6Ω [MPS15N5R6J]	1
D8		K14M40000079	Relay [G2R-1A-E-ASI DC12V]	1
D9-11		K14M11000527	1500μ, 250V [LGU2E152MHLC]	3
D12		K14S95043726	Connector [00-9090-04-5105-805]	1
D13-1		K14M95001110	Connector [00-8261-0933-10-806]	1
D13-2		K14M95015800	Connector [00-8261-0653-06-807]	1
D14		K14M15600151	Transistor [PS11036-1]	1
D15		K14M15000241	Transistor [FS22SM-10]	1
D16		K14M21001188	Hybrid IC [HIC BKO-E3175H02]	1
D17		K14M46000067	Fuse [MF51NN2.5A]	1
D18		K14M62400163	Transformer [BKO-E3172H01]	1
D19		K14M21000021	IC [NJM7805FA]	1
D20		K14M95064600	Connector [00-8263-0312-00-000]	1
D21-23		K14M16900002	Varistor [TNR15G220K]	3
D24		K14M15000218	Transistor [FS4VS-12-T11]	1
D25-27,29-33		K14M15000040	Transistor [FS10VSJ-2-T11]	8
D28		K14M15000202	Transistor [2SJ412(TE24L)]	1
D34		K14M72279204	Connector [E722C792G04]	1
D35		K14M72279205	Connector [E722C792G05]	1
D36		K14M72279201	Connector [E722C792G01]	1
D37		K14M72279203	Connector [E722C792G03]	1
D38		K14M72279202	Connector [E722C792G02]	1
D39		K14M72279206	Connector [E722C792G06]	1
D40		K14M72279301	Connector [E722D793G01]	1
D41		K14M95000027	Connector [TCS7668-01-201]	1
D42		K14M95000826	Connector [15PS-JE]	1

E MAIN PARTS ON CIRCUIT BOARD (FOR 200-240V(CE))

XC-F1-CE



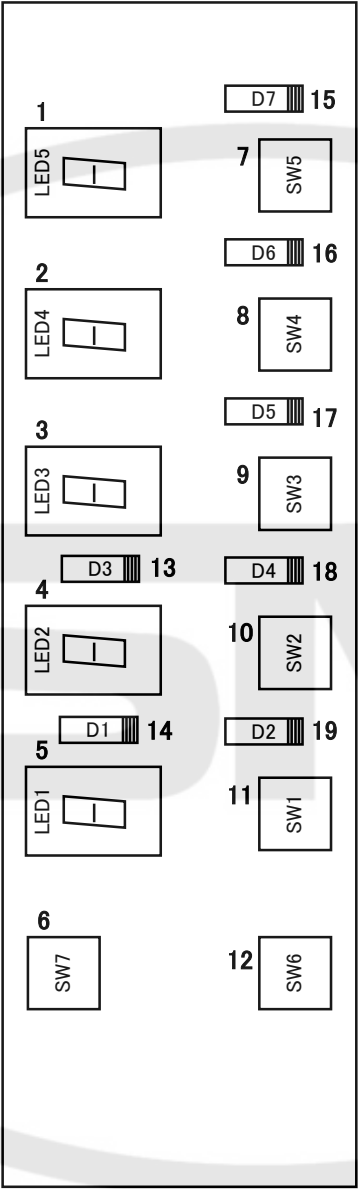
E MAIN PARTS ON CIRCUIT BOARD (FOR 200-240V(CE))

XC-F1-CE

Fig No.	Mod.	Parts.No.	Description	Amt.Reg.	XC-F1-CE
E1		K14M95074100	Connector [RTB-1.5-2F]	1	
E2-3		K14M46000063	Fuse [MF60NR-15A]	2	
E4,5		K14S18570243	Varistor [NV470D14]	2	
E6		K14M95000818	Connector [00-9090-06-0105-805]	1	
E7		K14M46000068	Fuse [SST 250V 2A]	1	
E8		K14M10018500	15W 10Ω [MPS15N100J]	1	
E9		K14M40000079	Relay [G2R-1A-E-ASI DC12V]	1	
E10-12		K14M11000029	470μ, 450V [LLQ2W471MHLEMG]	3	
E13		K14M95000950	Connector [00-9090-04-5116-805]	1	
E14-1		K14M95001110	Connector [00-8261-0933-10-806]	1	
E14-2		K14M95015800	Connector [00-8261-0653-06-807]	1	
E15		K14M15600150	Transistor [PS11035-1]	1	
E16		K14M15000216	Transistor [FS10SM-18A]	1	
E17		K14M21001188	Hybrid IC [HIC BKO-E3175H02]	1	
E18		K14M46000067	Fuse [MF51NN2.5A]	1	
E19		K14M62400162	Transformer [BKO-E3172H02]	1	
E20		K14M21000021	IC [NJM7805FA]	1	
E21		K14M95064600	Connector [00-8263-0312-00-000]	1	
E22-24		K14M16900002	Varistor [TNR15G220K]	3	
E25		K14M15000218	Transistor [FS4VS-12-T11]	1	
E26-28,30-34		K14M15000040	Transistor [FS10VSJ-2-T11]	8	
E29		K14M15000202	Transistor [2SJ412(TE24L)]	1	
E35		K14M72279204	Connector [E722C792G04]	1	
E36		K14M72279205	Connector [E722C792G05]	1	
E37		K14M72279201	Connector [E722C792G01]	1	
E38		K14M72279203	Connector [E722C792G03]	1	
E39		K14M72279202	Connector [E722C792G02]	1	
E40		K14M72279206	Connector [E722C792G06]	1	
E41		K14M72279301	Connector [E722D793G01]	1	
E42		K14M95000027	Connector [TCS7668-01-201]	1	
E43		K14M95000826	Connector [15PS-JE]	1	

F MAIN PARTS ON CIRCUIT BOARD (FOR DISPLAY BOARD)

XC-F1-1D

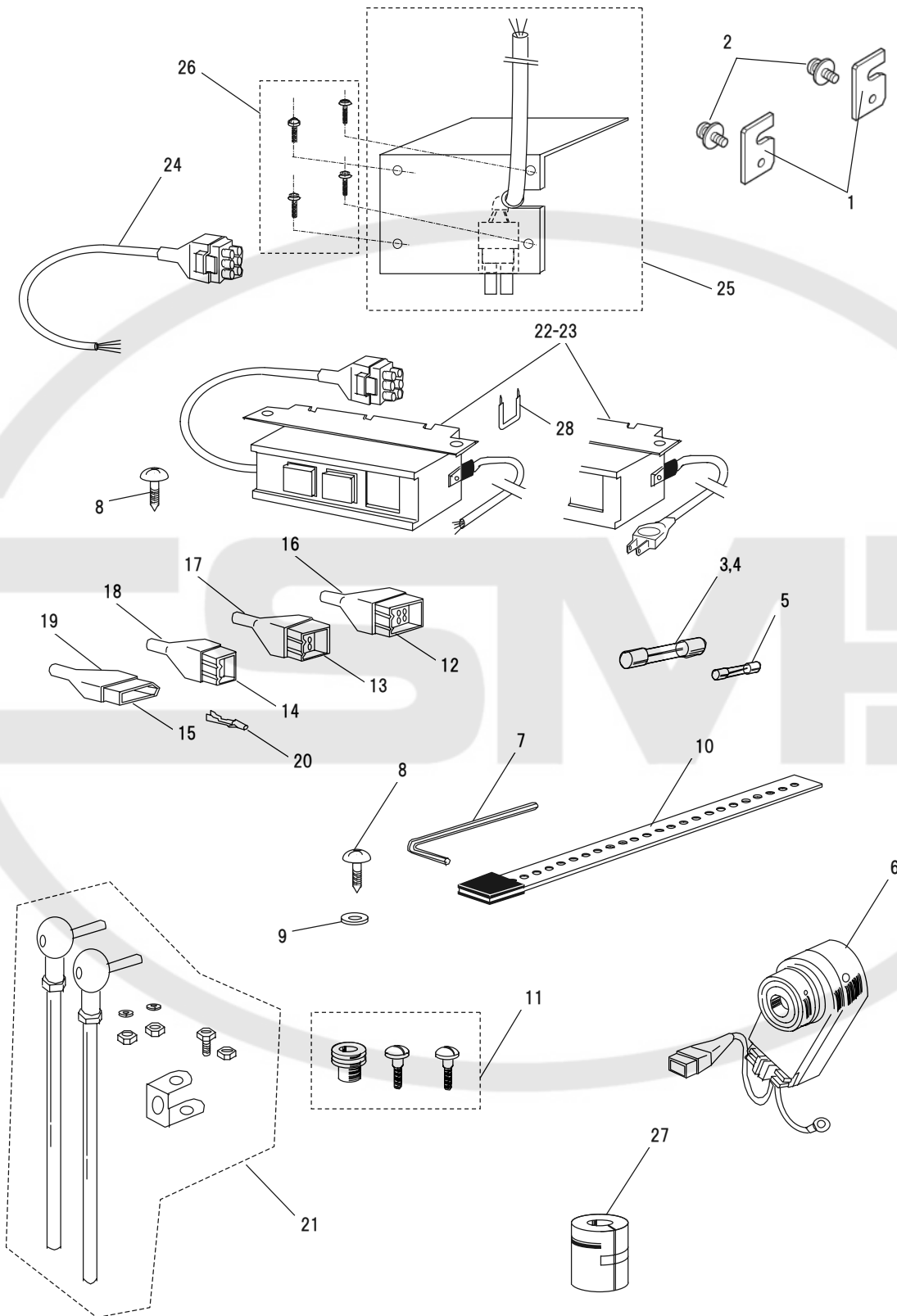


F MAIN PARTS ON CIRCUIT BOARD (FOR DISPLAY BOARD)**XC-F1-1D**

Fig		Parts.No.	Description	Amt.Reg.	XC-F1-1D
No.	Mod.				
F1-5		K14M16621800	LED [LA-301VB]	5	
F6-12		K14M42200027	Switch [B3F-1020]	7	
F13-19		K14M16018100	Diode [1SS119FS]	7	



M ACCESSORY AND OPTION PARTS



M ACCESSORY AND OPTION PARTS

XL- -
XC-F - -

Fig No.	Mod.	Parts.No.	Description	Amt.Reg.			
					FMF	FMFY	FMFYCE
M1		K14M72251001	Mounting plate	2	2	2	
M2		K14M90291980	Fit screw	6	6	6	
M3		K14M46000040	Fuse 20A [250V-20A]	1	1	-	
M4		K14M46000063	Fuse 15A [250V-15A (200-240V)]	-	-	1	
M5		K14M46000067	Fuse 2.5A	1	1	1	
M6		K14MXCKE01P0	Detector XC-KE-01P	1	(1)	-	
M7		K14M94981101	Hexagon Spanner No.3	1	(1)	-	
M8		K14S90810616	Wood Screw M4.1*16	2	(2)	-	
M9		K14S91304004	Washer 4	2	(2)	-	
M10		K14M40740800	Stopper Plate	1	(1)	-	
M11		K14M09022805	Adapter	1	(1)	-	
M12		K14M94319015	Connector (15P)	1	1	1	
M13		K14M94319012	Connector (12P)	1	1	1	
M14		K14M94319007	Connector (6P)	1	1	1	
M15		K14M94319004	Connector (4P)	1	1	1	
M16		K14M96822602	Nylon cap (15P)	1	1	1	
M17		K14M96821809	Nylon cap (12P)	1	1	1	
M18		K14M96821706	Nylon cap (6P)	1	1	1	
M19		K14M96821704	Nylon cap (4P)	1	1	1	
M20		K14M94319030	Terminal	10	10	10	
M21		K14M09025580	Joint shaft	1	1	1	
M22		K14M09035001	SW. assy. 1P 100V [Japan (Cap)]	(1)	(1)	-	
M23		K14M09035002	SW. assy. 1P 120V [Asia (Cap)]	-	(1)	-	
M23		K14M09035005	SW. assy. 1P 120V [USA (Strain relief)]	-	(1)	-	
M23		K14M09043301	SW. assy. 1P 240V [Asia (Cap)]	-	(1)	-	
M23		K14M09034901	SW. assy. 3P 200V [Japan (Cap)]	(1)	(1)	-	
M24		K14M09034902	SW. assy. 3P 240V [Asia (Cap)]	-	(1)	-	
M24		K14M09034903	SW. assy. 3P 240V [USA (Strain relief)]	-	(1)	-	
M24		K14M09032381	Power supply connector cable (4 wires)	-	(1)	-	
M25		K14M72229001	Power supply connector cable assy. (3 wires)	-	-	1	
M26		K14M09042325	P-screw with SW & PW M4*8 set	-	-	1	
M27		K14M09044602	Ferrite core	-	-	5	
M28		K14M95610701	Staple	5	5	5	

INDEX

Parts.No.	Page	Fig No.	Parts.No.	Page	Fig No.	Parts.No.	Page	Fig No.
K14M030A101K	P4	B14	K14M46000063	P10	E2-3	K14M73493602	P2	A26
K14M030A221K	P4	B14	K14M46000063	P14	M4	K14M73920134	P2	A34
K14M09022805	P14	M11	K14M46000067	P6	C19	K14M75946501	P2	A17
K14M09023108	P2	A43	K14M46000067	P8	D17	K14M76523101	P2	A21
K14M09025580	P14	M21	K14M46000067	P10	E18	K14M90291980	P14	M2
K14M09032381	P14	M24	K14M46000067	P14	M5	K14M90355001	P2	A24
K14M09034901	P14	M23	K14M46000068	P6	C5	K14M90451403	P2	A1
K14M09034902	P14	M24	K14M46000068	P8	D6	K14M91025401	P2	A42
K14M09034903	P14	M24	K14M46000068	P10	E7	K14M91490801	P2	A2
K14M09035001	P14	M22	K14M51212010	P2	A47	K14M92187501	P2	A6
K14M09035002	P14	M23	K14M51510301	P2	A22	K14M94319004	P14	M15
K14M09035005	P14	M23	K14M62400162	P6	C20	K14M94319007	P14	M14
K14M09042325	P14	M26	K14M62400162	P10	E19	K14M94319012	P14	M13
K14M09043301	P14	M23	K14M62400163	P8	D18	K14M94319015	P14	M12
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