

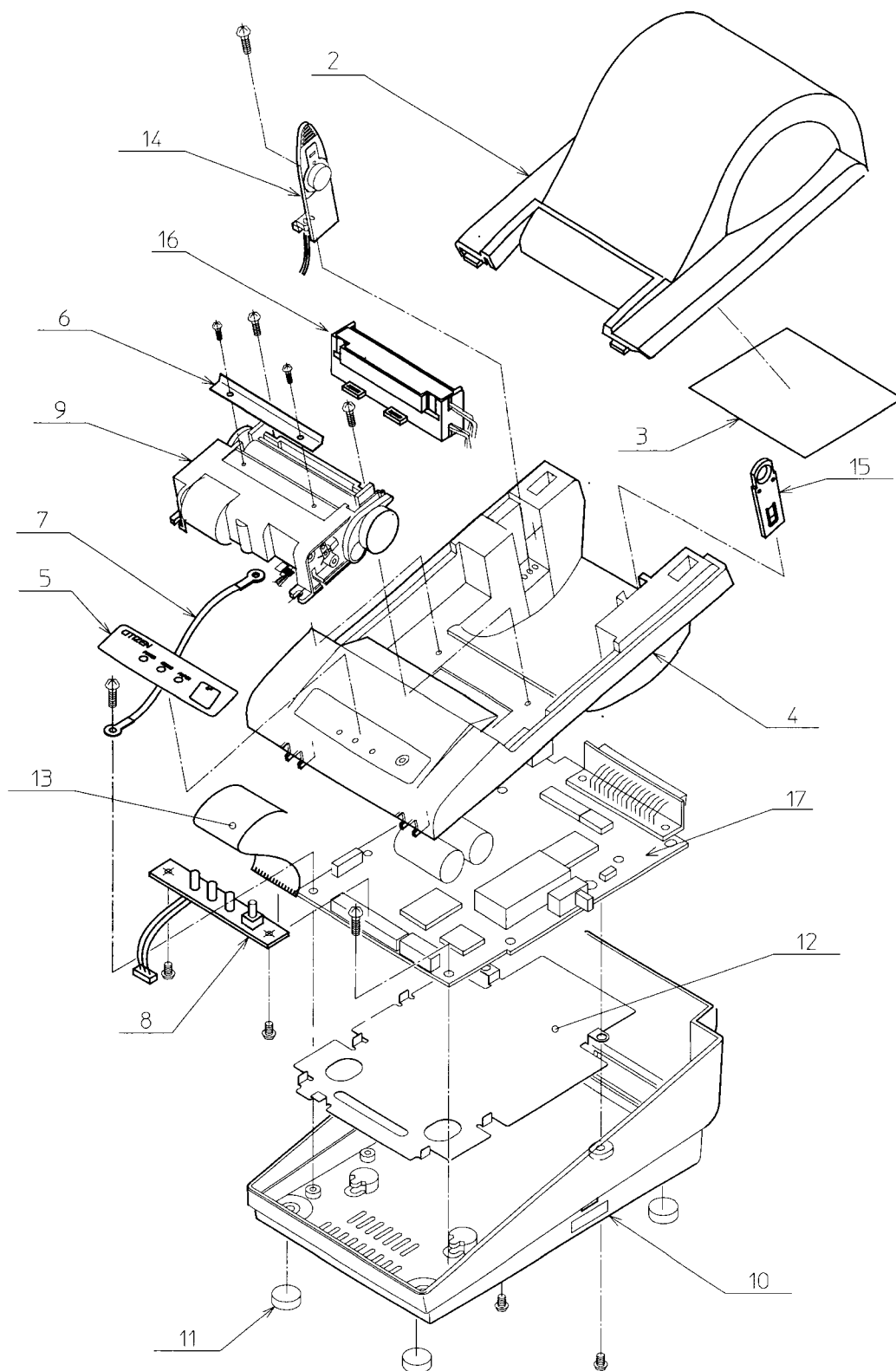
5. SERVICE PARTS LIST

5.1 Parts List for Mechanism

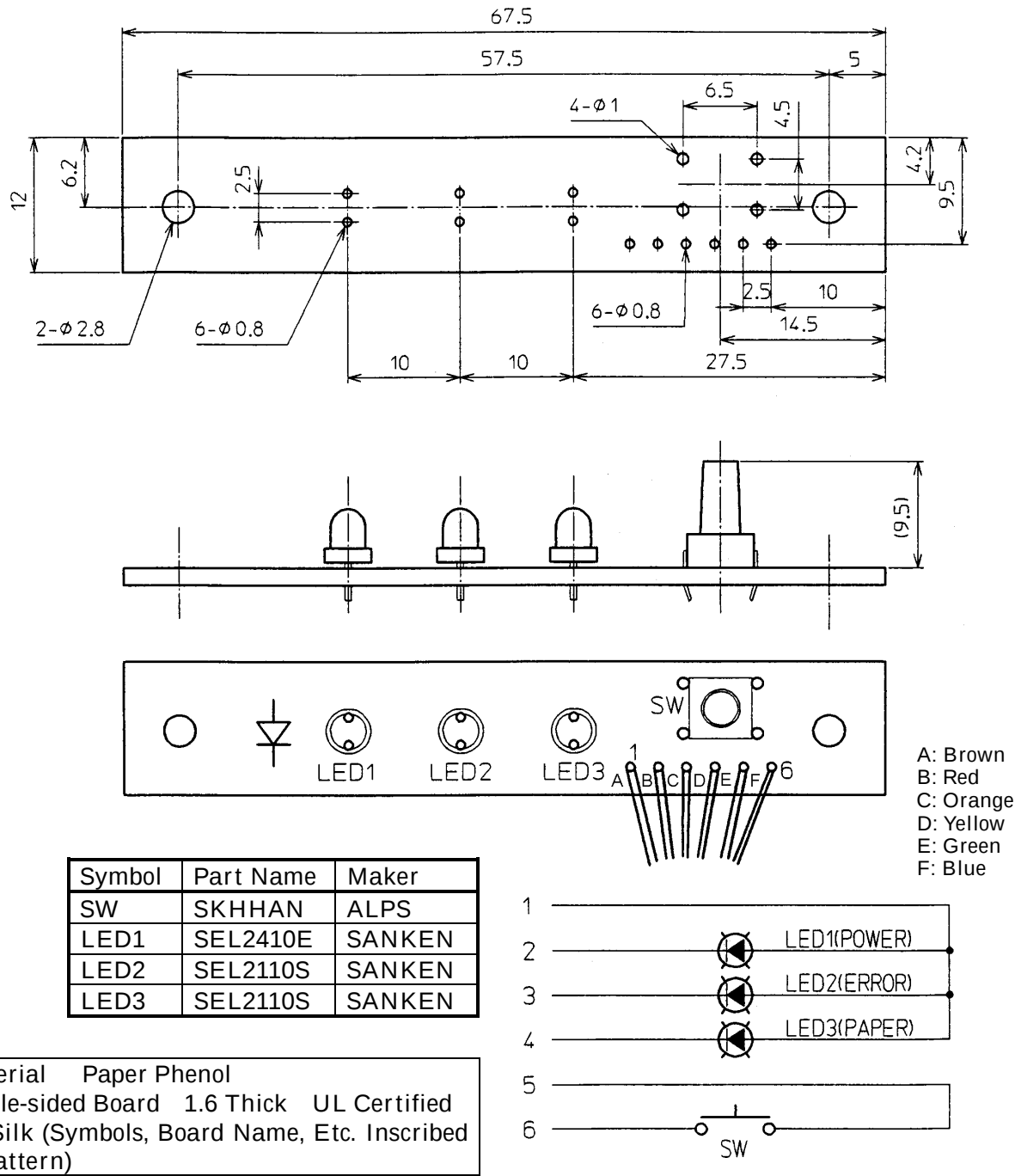
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Ref.No.	Parts No.	Description	Q'ty	Remarks
1-01	27ADJ	AC Adapter 27AD with JPN Cord, \$ = 140	(1)	
1-02	27ADU	AC Adapter 27AD with USA Cord, \$ = 140	(1)	
1-03	27ADE	AC Adapter 27AD with EUR Cord, \$ = 140	(1)	
2	E62040500	Printer Cover 270	1	
3		Paper Set Label 270 SEC-2608	1	
4	E62010830	Upper Cover 270	1	
5	E5200-350	Operation Panel Sheet 270	1	
6	E6220-640	Paper Cutter 270	1	
7	E4035-850	FG Cable SEC-2001-2	1	
8	E40000220	Operation Panel Board Assembly	1	
9	LT286	Printer Mechanism LT-286	1	
10	E62020360	Bottom Cover	1	
11	E6302-430	Rubber Foot SEC-2541	4	
12	E4035-720	Shielding Plate	1	
13	E4900-430	FFC 270-02 SEC-2310	1	
14	E4000-970	910 PE Holder Assembly	1	
15	E6611-405	Paper Hook	1	
16	E8009-020	Label Sensor Assembly	1	
17-01	E77001-320	270R Main Assembly JPN	(1)	
17-02	E77001-325	270R Main Assembly USA	(1)	
17-03	E77001-330	270R Main Assembly EUR	(1)	
17-04	E77001-335	270P Main Assembly JPN	(1)	
17-05	E77001-340	270P Main Assembly USA/EUR	(1)	
17-06	E77001-345	270R Main Assembly JPN for Interlabel Use	(1)	
17-07	E77001-350	270R Main Assembly USA for Interlabel Use	(1)	
17-08	E77001-355	270R Main Assembly EUR for Interlabel Use	(1)	
17-09	E77001-360	270P Main Assembly JPN for Interlabel Use	(1)	
17-10	E77001-365	270P Main Assembly USA/EUR for Interlabel Use	(1)	
17-11	E77001-370	270R Main Assembly JPN for Black Mark Use	(1)	
17-12	E77001-375	270R Main Assembly USA for Black Mark Use	(1)	
17-13	E77001-380	270R Main Assembly EUR for Black Mark Use	(1)	
17-14	E77001-385	270P Main Assembly JPN for Black Mark Use	(1)	
17-15	E77001-390	270P Main Assembly USA/EUR for Black Mark Use	(1)	

5.2 Disassemble Drawing



5.2.1 Drawing for Operation Panel PCB



OPERATION PANEL BOARD
K270-03

5.3 Parts List for Control Board

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Ref. No.		Parts No.	Description		Q'ty		Remarks
R	P				R	P	
IC1	IC1	E107-280	CPU	H8/3002	1	1	Japanese Spec. Only SP232ACN(SIPEX)
IC2	IC2	E104-530	Gate Array	CBM-202LA-00	1	1	
IC3	IC3	E107-330	SRAM	TC55257DFL-55L	1	1	
IC4	IC4	E104-650	EPROM	LE27C512F-45	1	1	
IC5	IC5		Kanji ROM	CBM-202KG-01	1	1	
IC6	IC6		Reset IC	M51953BFP	1	1	
IC7		E2020050	I/F IC	MAX202CSE	1		
(IC4)	(IC4)	E4800870	IC Socket	DILB-28P	1	1	Resistor Built-in Type
TA1	TA1	E390-350	Motor Driver	LB1831M	1	1	
Tr1	Tr1	E379-060	Transistor	2SD1802ST-TA-TF	1	1	
Tr2,12	Tr2,12	E379-990	FET	2SJ327-Z	2	2	
Tr3-5	Tr3-5		Transistor	DTC114EUA or RN1302	3	3	
Tr6-7	Tr6-7		Transistor	2SC2712	2	4	
D1	D1		Diode S1G		1	1	
ZD1	ZD1		Zener Diode	RD8.2MB	1	1	
ZD2,3	ZD2,3		Zener Diode	RD5.6MB2	2	2	
Xtal	Xtal		Ceramic Oscillator		1	1	
F1	F1	E4005-795	Fuse	MS3	1	1	
F2	F2	E4005-815	Fuse	251.500	1	1	
F3	F3	E4005-770	Fuse	MQ1.5	1	1	
DS1	DS1	E5103-510	DIP Switch	KSD-08	1	1	
DS2		E5103-470	DIP Switch	KSD-04	1		
SW1	SW1	E5109-210	Slide Switch	SK22H03-G7	1	1	
RA1	RA1		Chip Res.Array	BCN4D471JE	1	1	
RA2			Chip Res.Array	BCN4D103JE	1		
	RA2,3		Chip Res.Array	BCN4D103JE		2	
CA4	CA4		Capacitor Array	CGSD6×101M	1	1	

Ref. No.		Parts No.	Description		Q'ty		Remarks	
R	P				R	P		
R1,3,5,7-9,18,27,38,40	R1,3,5,7-9,18,27,38,40		Chip Resistor	CR10-103J	10	10		
R2,14-17,21,22,25	R2,14-17,21,22,25		Chip Resistor	CR10-333J	8	8		
R4,6,10,12,13,19,23,26,29,39	R4,6,10,12,13,19,23,26,29,37,39		Chip Resistor	CR10-221J	10			
			Chip Resistor	CR10-221J		11		
R11	R11		Chip Resistor	CR10-303J	1	1		
R20,24,28	R20,24,28		Chip Resistor	CR10-683J	3	3		
C1,2	C1,2		E2010-945	Elec.Capacitor	16YK3300M 12525	2		2
C3,4	C3,4		E2010-940	Elec.Capacitor	16MS5 47M 6.3×5	2		2
C5-11,16,17, 23-25,31-34	C5-11,16,17, 23-25,31,32		Chip Cera.Cap.	GRM40F104Z50PT	16			
			Chip Cera.Cap.	GRM40F104Z50PT		14		
C12-15,43		Chip Cera.Cap.	GRM40B101Z25PT	5				
		Chip Cera.Cap.	GRM40B101Z25PT		10			
C18-22,26		C12-15,34-38,43	Chip Cera.Cap.	GRM40B102Z50PT	6			
		C18-22,26,33	Chip Cera.Cap.	GRM40B102Z50PT		7		
PC3,4,6,7			Chip Cera.Cap.	GRM40F104Z50PT	10			
11-13,21-33		PC3,4,6,7	Chip Cera.Cap.	GRM40F104Z50PT		9		
	11-13,21-33							
L1	L1		Emiphil	NFM51R00P506	1	1		
L2	L2		Ferrite Bead	BL01RN1-A62	1	1		
L3-12			Ferrite Bead	BLM21B601S	12			
15,16	L3-12		Ferrite Bead	BLM21B601S		17		
	15-21							
CN1	CN1	E48000790	Connector	HEC0470-01-640	1	1	For Power Jack	
CN2	CN2	E48000850	Connector	CFF1128-0101	1	1	For HEAD	
CN3	CN3	E48000815	Connector	53047-1010	1	1	For MECHA	
CN4	CN4	E48000635	Connector	53047-0610	1	1	For OP Panel	
(CN5)		E48000880	Connector	ESDB-25S-R2N	(1)		For Serial I/F J,E	
(CN5)		E48000875	Connector	ESDB-25S-R1N	(1)		For Serial I/F U	
	CN5	E48000625	Connector	57RE-40360-730B(D29A)		1	For Parallel I/F	
CN6	CN6		Connector	5267-03A-X	1	1	For PNE Sensor	
CN7	CN7	E48000615	Connector	53047-0410	1	1	For Label Sensor	
(PCB)	(PCB)		Control Board	K270-01	1			
			Control Board	K270-02		1		