

ABNORMAL TEST RESULT

OF MODEL SUS305**/SUCS305**

1. Did Cheese Cloth or Paper Glow?

No.

2. Did Ground Fuse Open?

No.

3. Dielectric breakdown?

No.

4. Other Results?

See the following pages .

(FMEA : 2/10 ~ 7/10)

(Abnormal Test Result: 8/10 ~ 10/10)

There was no emission of flame, molten metal, ignition of cheesecloth, dielectric breakdown, opening of the ground fuse, other indication of a shock or fire hazard.

F M E A

Component	Mode		Comment	Output Voltage
C10	Open		Normal operation.	
	Short		F11 opened, No Hazard.	0[V]
C11	Open	Only 3R3, 05	Normal operation.	
	Short	Only 3R3, 05	F11 opened, No Hazard.	0[V]
C12	Open		Normal operation.	
	Short		F11 opened, No Hazard.	0[V]
C13	Open		Normal operation.	
	Short		Normal operation.	
C21	Open		Normal operation.	
	Short		Normal operation.	
C22	Open		See 8 Page.	
	Short		Normal operation.	
C23	Open		See 8 Page.	
	Short		See 8 Page.	
C40	Open		Normal operation.	
	Short		Normal operation.	
C50	Open		See 8 Page.	
	Short		See 8 Page.	
C51	Open		Normal operation.	
	Short		See 8 Page.	
C61	Open		See 8 Page.	
	Short		See 8 Page.	
C62	Open		Normal operation.	
	Short		Normal operation. (Except 05) No Hazard.	Decreased

F M E A

Component	Mode		Comment	Output Voltage
D11	Open		Normal operation.	
	Short		No Hazard.	0[V]
D21	Open	Only 3R3	Normal operation.	
	Short	Only 3R3	Normal operation.	
D22	Open		See 8 Page.	
	Short		Normal operation.	
D23	Open		See 8 Page.	
	Short		See 8 Page.	
D24	Open		Normal operation.	
	Short		See 8 Page.	
D51	Open		See 8 Page.	
	Short		See 8 Page.	
D52	Open		See 8 Page.	
	Short		See 8 Page.	
D61	Open		Normal operation.	
	Short		Normal operation.	
IC61	Open	K	See 8 Page.	
		A	See 8 Page.	
		R	See 8 Page.	
	Short	A-K	See 8 Page.	
		K-R	See 8 Page.	
		R-A	See 8 Page.	
L11	Open		No Hazard.	0[V]
	Short		Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
L51	Open		See 8 Page.	
	Short		Normal operation.	
PC11	Open	A, K	See 8 Page.	
		C, E	See 9 Page.	
	Short	A-K	See 9 Page.	
		C-E	See 9 Page.	
T11	Open	1	See 9 Page.	
		2	See 9 Page.	
		3	See 9 Page.	
		4	See 9 Page.	
		5	See 9 Page.	
		6	See 9 Page.	
		7	No Hazard.	0[V]
		8	No Hazard.	0[V]
	Short	1-2	See 9 Page.	
		2-3	Normal operation.	
		3-4	See 9 Page.	
		4-5	See 9 Page.	
		5-6	See 9 Page.	
		6-7	Normal operation.	
		7-8	See 9 Page.	
TR11	Open	D	See 9 Page.	
		S	See 9 Page.	
		G	See 9 Page.	

F M E A

Component	Mode		Comment	Output Voltage
TR11	Short	D-S	See 9 Page.	
		S-G	See 9 Page.	
		G-D	See 9 Page.	
TR12	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	Normal operation.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR21	Open	C	See 9 Page.	
		E	See 9 Page.	
		B	See 9 Page.	
	Short	C-E	No Hazard.	0[V]
		E-B	See 9 Page.	
		B-C	No Hazard.	0[V]
TR41	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	0[V]
		E-B	Normal operation.	
		B-C	No Hazard.	0[V]
TR61	Open	C	See 10 Page.	
		E	See 10 Page.	
		B	See 10 Page.	

F M E A

Component	Mode		Comment	Output Voltage
TR61	Short	C-E	See 10 Page.	
		E-B	See 10 Page.	
		B-C	See 10 Page.	
ZD11	Open		Normal operation.	
	Short		Normal operation.	
ZD21	Open		Normal operation.	
	Short		See 10 Page.	
ZD22	Open		Normal operation.	
	Short		Normal operation.	
R10	Open		Normal operation.	
R11	Open		Normal operation.	
R12	Open		Normal operation.	
R13	Open		Normal operation.	
R14	Open		Normal operation.	
R15	Open		Normal operation.	
R16	Open		Normal operation.	
R21	Open		Normal operation.	
R22	Open		Normal operation.	
R23	Open		Normal operation.	
R24	Open	Only 3R3	Normal operation.	
R25	Open		See 10 Page.	
R26	Open		See 10 Page.	
R27	Open		Normal operation.	
R28	Open		Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
R29	Open		Normal operation.	
R30	Open		Normal operation.	
R31	Open		Normal operation.	
R32	Open		Normal operation.	
R40	Open		Normal operation.	
R41	Open		Normal operation.	
R42	Open		Normal operation.	
R50	Open		Normal operation.	
R60	Open		See 10 Page.	
R61	Open	3R3, 05	See 10 Page.	
		12, 15	Normal operation.	
R62	Open		Normal operation.	
R63	Open		See 10 Page.	
R64	Open		Normal operation.	
R65	Open		See 10 Page.	
R66	Open	Only 12, 15	Normal operation.	
R67	Open		See 10 Page.	
R68	Open		See 10 Page.	
R69	Open		See 10 Page.	
R70	Open		Normal operation.	
R71	Open	Except 05	Normal operation.	
R72	Open	Only 3R3, 05	Normal operation.	
R73	Open		Normal operation.	
R74	Open	Only 05	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
C22	Open		No Hazard.	Increased
C23	Open		No Hazard.	Decreased
	Short		TR11 broken, No Hazard. (Only 3R3) F11 opened, No Hazard.	Increased(Only 3R3) 0[V]
C50	Open		No Hazard. (Only 3R3) TR11 broken, F11 opened, No Hazard.	Decreased(Only 3R3) 0[V]
	Short		No Hazard.	0[V]
C51	Short		No Hazard.	Decreased
C61	Open		Normal operation. (Except 3R3) No Hazard.	Decreased
	Short		No Hazard.	Decreased
D22	Open		No Hazard. (Only 3R3 05) TR11 broken, F11 opened, No Hazard.	Increased(Only 3R3 05) 0[V]
D23	Open		No Hazard.	Increased
	Short		No Hazard.	Increased
D24	Short		No Hazard.	Decreased
D51	Open		No Hazard.	
	Short		TR11 broken, No Hazard. (Only 3R3) F11 opened, No Hazard.	0[V]
D52	Open		No Hazard.	
	Short		TR11 broken, No Hazard. (Only 3R3) F11 opened, No Hazard.	0[V]
IC61	Open	K	No Hazard. (Only 3R3, 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 3R3 05) 0[V]
		A	No Hazard. (Only 3R3, 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 3R3 05) 0[V]
		R	No Hazard. (Only 3R3, 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 3R3 05) 0[V]
	Short	A-K	No Hazard.	Decreased
		K-R	No Hazard.	Decreased
		R-A	No Hazard. (Only 3R3, 05) TR11 broken, F11 opened, No Hazard.	Increased(Only 3R3 05) 0[V]
L51	Open		TR11 broken, No Hazard. (Only 3R3) TR11 broken, F11 opened, No Hazard.	0[V]
PC11	Open	A, K	No Hazard. (Only 3R3, 05) TR11 broken, F11 opened, No Hazard.	Increased(Only 3R3 05) 0[V]

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
PC11	Open	C, E	No Hazard. (Only 3R3, 05) TR11 broken, F11 opened, No Hazard.	Increased(Only 3R3 05) 0[V]
		A-K	No Hazard. (Only 3R3, 05) TR11 broken, F11 opened, No Hazard.	Increased(Only 3R3 05) 0[V]
	Short	C-E	No Hazard.	Decreased
T11	Open	1	TR11 broken, No Hazard. (Only 3R3) F11 opened, No Hazard.	0[V]
		2	TR11 broken, No Hazard. (Only 3R3) F11 opened, No Hazard.	0[V]
		3	No Hazard.	
		4	No Hazard.	
		5	No Hazard.	
		6	No Hazard.	
	Short	1-2	TR11 broken, No Hazard. (Only 3R3) F11 opened, No Hazard.	0[V]
		3-4	TR11 broken, No Hazard. (Only 3R3) F11 opened, No Hazard.	0[V]
		4-5	TR11 broken, No Hazard. (Only 3R3) F11 opened, No Hazard.	0[V]
		5-6	TR11 broken, No Hazard. (Only 3R3) F11 opened, No Hazard.	0[V]
		7-8	TR11 broken, No Hazard. (Only 3R3) F11 opened, No Hazard.	0[V]
TR11	Open	D	No Hazard.	0[V]
		S	No Hazard.	0[V]
		G	No Hazard.	0[V]
	Short	D-S	F11 opened, No Hazard.	0[V]
		S-G	No Hazard.	0[V]
		G-D	TR11 broke, No Hazard. (Only 3R3) TR11 broke, F11 opened, No	0[V]
TR21	Open	C	TR11 broke, No Hazard. (Only 3R3) F11 opened, No Hazard.	Increased(Only 3R3) 0[V]
		E	TR11 broke, No Hazard. (Only 3R3) F11 opened, No Hazard.	Increased(Only 3R3) 0[V]
		B	TR11 broke, No Hazard. (Only 3R3) F11 opened, No Hazard.	Increased(Only 3R3) 0[V]
	Short	E-B	TR11 broke, No Hazard. (Only 3R3) F11 opened, No Hazard.	Increased(Only 3R3) 0[V]

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
TR61	Open	C	No Hazard. (Only 3R3, 05) TR11 broke, F11 opened, No Hazard.	Increased
		E	No Hazard. (Only 3R3, 05) TR11 broke, F11 opened, No Hazard.	Increased
		B	No Hazard. (Only 3R3, 05) TR11 broke, F11 opened, No Hazard.	Increased
	Short	C-E	No Hazard.	Decreased
		E-B	No Hazard. (Only 3R3, 05) TR11 broke, F11 opened, No Hazard.	Increased
		B-C	No Hazard.	Decreased
ZD21	Short		No Hazard.	Decreased
R25	Open		No Hazard.	Increased
R26	Open		No Hazard.	Increased
R60	Open		No Hazard. (Only 3R3, 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 3R3 05) 0[V]
R61	Open	Only 3R3, 05	No Hazard.	Increased
R63	Open		No Hazard. (Only 3R3, 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 3R3 05) 0[V]
R65	Open		Normal operation. (Except 3R3) No Hazard.	Decreased
R67	Open		No Hazard. (Only 3R3, 05) TR11 broke, F11 opened, No Hazard.	Increased(Only 3R3 05) 0[V]
R68	Open		No Hazard.	Increased(Only 05) Decreased
R69	Open		No Hazard.	Decreased