

ABNORMAL TEST RESULT

OF MODEL R10A

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/ 7 ~ 6/ 7)

(Abnormal Test Result: 7/ 7 ~ 7/ 7)

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
C11	Open	Normal operation.	
	Short	F11 opened, No hazard.	0V
C12	Open	See 7 Page.	
	Short	F11 opened, No hazard.	0V
C14	Open	Output voltage decreased. No hazard.	Decreased
	Short	F11 opened, No hazard.	0V
C15	Open	See 7 Page.	
	Short	See 7 Page.	
C16	Open	Normal operation.	
	Short	See 7 Page.	
C51	Open	See 7 Page.	
	Short	See 7 Page.	
C52	Open	See 7 Page.	
C52	Short	No Hazard.	0V
C53	Open	See 7 Page.	
	Short	No Hazard.	0V
C59	Open	See 7 Page.	
	Short	No Hazard.	0V
C61	Open	See 7 Page.	
	Short	Output voltage decreased. No hazard.	Decreased
D11	Open	No Hazard.	0V
	Short	Output voltage decreased. No hazard.	Decreased
D12	Open	See 7 Page.	
	Short	See 7 Page.	

F M E A

Component	Mode		Comment	Output Voltage
D51	Open		F11 opened, No hazard.	0V
	Short		F11 opened, No hazard.	0V
D52 Except 5V	Open		Normal operation.	
	Short		No Hazard.	0V
D53	Open		No Hazard.	0V
	Short		See 7 Page.	
F11	Open		No Hazard.	0V
IC51	Open	K	No Hazard.	0V
		A	No Hazard.	0V
		R	No Hazard.	0V
	Short	A-K	Output voltage decreased. No hazard.	Decreased
		K-R	Output voltage decreased. No hazard.	Decreased
		R-A	No Hazard.	0V
L11	Open		No Hazard.	0V
	Short		Normal operation.	
L51	Open		No Hazard.	0V
	Short		Normal operation.	
LED51	Open		Normal operation.	
	Short		Normal operation.	
PC11	Open	A, K	No Hazard.	0V
		C, E	No Hazard.	0V
	Short	A-K	No Hazard.	0V
		C-E	Output voltage decreased. No hazard.	Decreased
SS11	Open		No Hazard.	0V

F M E A

Component	Mode		Comment	Output Voltage
SS11	Short		F11 opened, No hazard.	0V
T11	Open	4, 5	No Hazard.	0V
		6, 7, 8, 9	F11 opened, No hazard.	0V
		1, 2	F11 opened, No hazard.	0V
	Short	4-5	F11 opened, No hazard.	0V
		6, 7-8, 9	F11 opened, No hazard.	0V
		1-2	F11 opened, No hazard.	0V
TR11	Open	C	No Hazard.	0V
		E	No Hazard.	0V
		B	No Hazard.	0V
	Short	C-E	No Hazard.	0V
		E-B	F11 opened, No hazard.	0V
		B-C	No Hazard.	0V
TR12	Open	C	See 7 Page.	
		E	See 7 Page.	
		B	See 7 Page.	
	Short	C-E	See 7 Page.	
		E-B	See 7 Page.	
		B-C	See 7 Page.	
VR51	Open	bruch	Normal operation.	
			Output voltage decreased. No hazard.	Decreased
	Short		Normal operation.	
ZD11	Open		Normal operation.	
	Short		Output voltage decreased. No hazard.	Decreased

F M E A

Component	Mode	Comment	Output Voltage
ZD12	Open	Normal operation.	
	Short	Normal operation.	
ZD51	Open	Normal operation.	
	Short	No Hazard.	0V
R11	Open	Normal operation.	
R12	Open	Normal operation.	
R13	Open	Normal operation.	
R14	Open	Normal operation.	
R15 (5V 15V)	Open	Normal operation.	
R16	Open	Normal operation.	
R17	Open	Normal operation.	
R18	Open	Normal operation.	
R19	Open	Normal operation.	
R20	Open	Normal operation.	
R21	Open	Normal operation.	
R22	Open	Normal operation.	
R26	Open	Normal operation.	
R27	Open	Normal operation.	
R28	Open	Normal operation.	
R29	Open	Normal operation.	
R30	Open	Normal operation.	
R51	Open	No Hazard.	0V
R52	Open	Normal operation.	
R53	Open	No Hazard.	0V

F M E A

Component	Mode		Comment	Output Voltage
R54	Open		No Hazard.	0V
R55	Open		Output voltage decreased. No hazard.	Decreased
R56	Open		Normal operation.	
R57	Open		See 7 Page.	
R59	Open		Normal operation.	
R60	Open		Normal operation.	
R61	Open	(5V, 12V, 24V)	Normal operation.	
R62	Open	(5V, 12V)	Normal operation.	
J11	Open		No Hazard.	0V
J12	Open		Normal operation.	
J51	Open		No Hazard.	0V

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
C12	Open		Output voltage decreased. No hazard.	Decreased
C15	Open		Normal operation.	
	Short		Normal operation.	
C16	Short		Normal operation.	
C51	Open		Output voltage decreased. No hazard.	Decreased
	Short		No Hazard.	0V
C52	Open		Normal operation.	
C53	Open		Normal operation.	
C59	Open		Normal operation.	
C61	Open		Output voltage decreased. No hazard.	Decreased
D12	Open		Normal operation.	
	Short		Normal operation.	
D53	Short		Output voltage decreased. No hazard.	Decreased
R57	Open		Output voltage decreased. No hazard.	Decreased
TR12	Open	C	No Hazard.	0V
		E	No Hazard.	0V
		B	No Hazard.	0V
	Short	C-E	F11 opened, No hazard.	0V
		E-B	No Hazard.	0V
		B-C	F11 opened, No hazard.	0V