

ABNORMAL TEST RESULT

OF MODEL R25A

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/ 8 ~ 7/ 8)

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

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 (V)
C11	Open	No Hazard.	
	Short	F11 opened, No hazard.	
C12	Open	Output voltage decreased. No hazard.	
	Short	F11 opened, No hazard.	
C13	Open	No Hazard.	
	Short	No Hazard.	
C14	Open	Output voltage decreased. No hazard.	
	Short	No Hazard.	
C15	Open	No Hazard.	
	Short	F11 opened, No hazard.	
C16	Open	No Hazard.	
	Short	See 8 Page.	
C17	Open	No Hazard.	
	Short	No Hazard.	
C51	Open	No Hazard.	
	Short	Output voltage increased. No hazard.	
C52	Open	No Hazard.	
	Short	No Hazard.	
C53	Open	No Hazard.	
	Short	No Hazard.	
C54	Open	No Hazard.	
	Short	No Hazard.	
C59	Open	No Hazard.	
	Short	No Hazard.	

F M E A

Component	Mode		Comment	Output Voltage (V)
C60	Open		No Hazard.	
	Short		No Hazard.	
C62	Open		No Hazard.	
	Short		F11 opened, No hazard.	
C64	Open		No Hazard.	
	Short		No Hazard.	
C65	Open		No Hazard.	
	Short		No Hazard.	
D11	Open		No Hazard.	
	Short		No Hazard.	
D51	Open		No Hazard.	
	Short		No Hazard.	
D52	Open		No Hazard.	
	Short		No Hazard.	
D53	Open		F11 opened, No hazard.	
	Short		Output voltage decreased. No hazard.	
F11	Open		No Hazard.	
	Short		No Hazard.	
IC51	Open	K	No Hazard.	
		A	No Hazard.	
		R	No Hazard.	
	Short	A-K	Output voltage decreased. No hazard.	
		K-R	Output voltage decreased. No hazard.	
		R-A	No Hazard.	

F M E A

Component	Mode		Comment	Output Voltage (V)
L11	Open		No Hazard.	
	Short		F11 opened, No hazard.	
L51	Open		No Hazard.	
	Short		No Hazard.	
LED51	Open		No Hazard.	
	Short		No Hazard.	
PC11	Open	LED. A, K	No Hazard.	
		LED. C, E	No Hazard.	
	Short	TR .A-K	No Hazard.	
		TR. C-E	Output voltage decreased. No hazard.	
PC12	Open	LED. A, K	No Hazard.	
		SCR. K	No Hazard.	
		SCR. A	No Hazard.	
		SCR. G	No Hazard.	
	Short	LED. A-K	No Hazard.	
		SCR. A-K	No Hazard.	
		SCR. A-G	No Hazard.	
		SCR. K-G	No Hazard.	
SS11	Open		No Hazard.	
	Short		F11 opened, No hazard.	
SS51	Open		F11 opened, No hazard.	
	Short		Output voltage decreased. No hazard.	
T11	Open	7-9(8-10)	F11 opened, No hazard.	
		5-6(6-7)	F11 opened, No hazard.	

F M E A

Component	Mode		Comment	Output Voltage (V)
T11	Open	3, 4-1, 2	F11 opened, No hazard.	
	Short	7-9 (8-10)	No Hazard.	
		5-6 (6-7)	F11 opened, No hazard.	
		3, 4-1, 2	F11 opened, No hazard.	
TH11	Open		No Hazard.	
	Short		No Hazard.	
TR11	Open	C	No Hazard.	
		E	No Hazard.	
		B	No Hazard.	
	Short	C-E	No Hazard.	
		E-B	No Hazard.	
		B-C	No Hazard.	
TR12	Open	D	See 8 Page.	
		S	See 8 Page.	
		G	See 8 Page.	
	Short	D-S	See 8 Page.	
		S-G	See 8 Page.	
		G-D	See 8 Page.	
VR51	Open	brush	No Hazard.	
			Output voltage decreased. No hazard.	
	Short		No Hazard.	
ZD11	Open		Output voltage decreased. No hazard.	
	Short		Output voltage decreased. No hazard.	
ZD12	Open		Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage (V)
ZD12	Short	Normal operation.	
ZD13	Open	Normal operation.	
	Short	Normal operation.	
ZD51	Open	Normal operation.	
	Short	Normal operation.	
ZD52	Open	Normal operation.	
	Short	No Hazard.	
ZD53	Open	Normal operation.	
	Short	No Hazard.	
R11	Open	Normal operation.	
R12	Open	Normal operation.	
R13	Open	Normal operation.	
R14	Open	Normal operation.	
R15	Open	Normal operation.	
R16	Open	F11 opened, No hazard.	
R17	Open	Normal operation.	
R18	Open	F11 opened, No hazard.	
R19	Open	Normal operation.	
R20	Open	Normal operation.	
R23	Open	Normal operation.	
R24	Open	Normal operation.	
R52	Open	Normal operation.	
R53	Open	No Hazard.	
R54	Open	No Hazard.	

F M E A

Component	Mode	Comment	Output Voltage (V)
R55	Open	Output voltage decreased. No hazard.	
R57	Open	Normal operation.	
R58	Open	Normal operation.	
R59	Open	Normal operation.	
R60	Open	Normal operation.	
R61	Open	Normal operation.	
R62	Open	Normal operation.	
R63	Open	Normal operation.	
R65	Open	Normal operation.	
R66	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C16	Short		No Hazard.	
TR12	Open	D	No Hazard.	
		S	No Hazard.	
		G	F11 opened, No hazard.	
	Short	D-S	F11 opened, No hazard.	
		S-G	No Hazard.	
		G-D	F11 opened, No hazard.	