

## ABNORMAL TEST RESULT

## OF MODEL VAF10

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/ 6 ~ 5/ 6)

( Abnormal Test Result: 6/ 6 ~ 6/ 6)

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		Normal operation.	
	Short		F11 opened, No hazard.	0V
C12	Open		See 6 Page.	
	Short		F11 opened, No hazard.	0V
C13	Open		Normal operation.	
	Short		Normal operation.	
C14	Open		Normal operation.	
	Short		See 6 Page.	
C15	Open	only 12	Normal operation.	
	Short	only 12	No Hazard.	0V
C16	Open		No Hazard.	0V
	Short		No Hazard.	0V
C17	Open		Normal operation.	
	Short		No Hazard.	0V
C18	Open		Normal operation.	
	Short		F11 opened, No hazard.	0V
C52	Open		Output voltage decreased. No hazard.	decreased
	Short		Output voltage decreased. No hazard.	0V
C53	Open		Normal operation.	
	Short		Output voltage decreased. No hazard.	0V
C54	Open	only 5	Normal operation.	
	Short	only 5	Output voltage decreased. No hazard.	decreased
C55	Open		Normal operation.	
	Short		Output voltage decreased. No hazard.	0V

F M E A

Component	Mode		Comment	Output Voltage (V)
C56	Open		Output voltage decreased. No hazard.	decreased
	Short		Output voltage decreased. No hazard.	decreased
C57	Open		Normal operation.	
	Short		Normal operation.	
C58	Open	only 5	Output voltage decreased. No hazard.	decreased
	Short	only 5	Output voltage decreased. No hazard.	decreased
D11	Open		See 6 Page.	
	Short		See 6 Page.	
D12	Open		Output voltage increased. No hazard.	0V
	Short		See 6 Page.	
D13	Open		See 6 Page.	
	Short		See 6 Page.	
D14	Open		See 6 Page.	
	Short		See 6 Page.	
D51	Open		No Hazard.	0V
	Short		See 6 Page.	
F11	Open		No Hazard.	0V
	Short		Normal operation.	
IC11	Open	D	See 6 Page.	
		S	See 6 Page.	
		C	See 6 Page.	
	Short	D-S	See 6 Page.	
		S-C	See 6 Page.	
		C-D	See 6 Page.	

F M E A

Component	Mode		Comment	Output Voltage (V)
IC51	Open	K	Output voltage increased. No hazard.	0V
		A	Output voltage increased. No hazard.	0V
		R	Output voltage increased. No hazard.	0V
	Short	A-K	See 6 Page.	
		K-R	See 6 Page.	
		R-A	Output voltage increased. No hazard.	0V
L11	Open		No Hazard.	0V
	Short		No Hazard.	0V
L12	Open		Normal operation.	
	Short		Normal operation.	
L51	Open		Output voltage increased. No hazard.	0V
	Short		Normal operation.	
PC11	Open	LED. A, K	Output voltage increased. No hazard.	0V
		LED. C, E	Output voltage increased. No hazard.	0V
	Short	TR. A-K	Output voltage increased. No hazard.	0V
		TR. C-E	See 6 Page.	
SS11	Open		No Hazard.	0V
	Short		F11 opened, No hazard.	0V
T11	Open	1	Normal operation.	
		2	Normal operation.	
		3	Normal operation.	
		4	Normal operation.	
		5	No Hazard.	0V
		7	No Hazard.	0V

## F M E A

Component	Mode		Comment	Output Voltage (V)
T11	Open	8	Output voltage increased. No hazard.	0V
		9	Output voltage increased. No hazard.	0V
	Short	1-2	Normal operation.	
		2-3	See 6 Page.	
		3-4	Normal operation.	
		5-7	See 6 Page.	
		8-9	See 6 Page.	
ZD51	Open	only 12	Normal operation.	
	Short	only 12	Output voltage decreased. No hazard.	0V
ZD52	Open	only 5	Normal operation.	
	Short	only 5	Output voltage decreased. No hazard.	0V
R11	Open		No Hazard.	0V
R12	Open		Output voltage increased. No hazard.	0V
R53	Open		No Hazard.	
R55	Open		Output voltage increased. No hazard.	0V
R56	Open		Output voltage increased. No hazard.	0V
R57	Open	only 5	Normal operation.	
R58	Open		Output voltage decreased. No hazard.	decreased
R59	Open		Output voltage increased. No hazard.	0V
R60	Open		Output voltage increased. No hazard.	0V
R61	Open		Output voltage decreased. No hazard.	decreased

## ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
C12	Open		F11 opened, No hazard.	0V
C14	Short		Output voltage decreased. No hazard.	0V
D11	Open		Normal operation.	
	Short		Normal operation.	
D12	Short		Output voltage increased. No hazard.	0V
D13	Open		Normal operation.	
	Short		Normal operation.	
D14	Open		Normal operation.	
	Short		Normal operation.	
D51	Short		Output voltage decreased. No hazard.	0V
IC11	Open	D	No Hazard.	0V
		S	No Hazard.	0V
		C	No Hazard.	0V
	Short	D-S	F11 opened, No hazard.	0V
		S-C	No Hazard.	0V
		C-D	F11 opened, No hazard.	0V
IC51	Short	A-K	Output voltage decreased. No hazard.	decreased
		K-R	Output voltage decreased. No hazard.	decreased
PC11	Short	TR. C-E	Output voltage decreased. No hazard.	decreased
T11	Short	2-3	Output voltage decreased. No hazard.	0V
		5-7	F11 opened, No hazard.	0V
		8-9	Output voltage decreased. No hazard.	0V