

ABNORMAL TEST RESULT

OF MODEL STMGFS30

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/ 4 ~ 3/ 4)

(Abnormal Test Result: 4/ 4 ~ 4/ 4)

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.	AVR1:0
C17	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0
C18	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0
C19	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0
C20	Open		Normal operation.	
	Short		Normal operation.	
C51	Open		Normal operation.	
	Short		Normal operation.	
C52	Open		Normal operation.	
	Short		Normal operation.	
C53	Open		Normal operation.	
	Short		No hazard.	AVR1:0
C54	Open	12V/15V only	Normal operation.	
	Short	12V/15V only	No hazard.	AVR1:0
CN4	Open		No hazard.	AVR1:0
	Short		Normal operation.	
D11	Open		Normal operation.	
	Short		F11 opened, No hazard.	AVR1:0
D52	Open		Normal operation.	
	Short		Output voltage decreased/increased. No hazard.	AVR1:3R3/5 decreased , 12/15 Increased

F M E A

Component	Mode		Comment	Output Voltage (V)
D53	Open		Normal operation.	
	Short		Output voltage increased. No hazard.	AVR1:Increased
F11	Open		No hazard.	AVR1:0
L11	Open		No hazard.	AVR1:0
	Short		Normal operation.	
PS1	Short	+VIN_-VIN	F11 opened, No hazard.	
		-Vo_RC	Normal operation.	
		+Vo_-Vo	No hazard.	AVR1:0
		-Vo_TRM	Output voltage increased. No hazard.	AVR1:Increased
	+VIN : Open		No hazard.	AVR1:0
	-VIN : Open		See 4page.	AVR1:0
	RC : Open		No hazard.	AVR1:0
	+Vo : Open		No hazard.	AVR1:0
	-Vo : Open		No hazard.	AVR1:0
	VR51	Open	brush	Normal operation.
R51 side			Output voltage increased. No hazard.	AVR1:Increased
R52 side			Output voltage decreased. No hazard.	AVR1:decreased
Short		Normal operation.		
R11	Open		No hazard.	AVR1:0
R12	Open		No hazard.	AVR1:0
R51	Open		Output voltage increased. No hazard.	AVR1:Increased
R52	Open		Output voltage decreased. No hazard.	AVR1:decreased



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Component	Mode	Comment	Output Voltage (V)
PS1	-VIN : Open	No hazard.	AVR1:0