

## ABNORMAL TEST RESULT

## OF MODEL PLA15F

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)
C101	Open		Normal operation.	
	Short		F101 opened, No hazard.	AVR1:0
C103	Open		No hazard.	AVR1:0
	Short		F101 opened, No hazard.	AVR1:0
C104	Open		Normal operation.	
	Short		No hazard.	AVR1:0
C105	Open		Normal operation.	
	Short		Normal operation.	
C106	Open		No hazard.	AVR1:0
	Short		No hazard.	AVR1:0
C107	Open		Normal operation.	
	Short		No hazard.	AVR1:0
C108	Open		Normal operation.	
	Short		No hazard.	AVR1:0
C109	Open		Normal operation.	
	Short		No hazard.	AVR1:0
C501	Open		Normal operation.	
	Short		Normal operation.	
C502	Open		Normal operation.	
	Short		Normal operation.	
C503	Open		Output voltage decreased. No hazard.	AVR1:decreased
	Short		No hazard.	AVR1:0
C504	Open	Only -5	Normal operation.	
	Short	Only -5	No hazard.	AVR1:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
C508	Open		Output voltage decreased. No hazard.	AVR1:0
	Short		No hazard.	AVR1:0
C514	Open		Normal operation.	
	Short		No hazard.	AVR1:0
C601	Open		Normal operation.	
	Short		Output voltage decreased.	AVR1:decreased
C604	Open	Only -5	Normal operation.	
	Short	Only -5	Output voltage decreased.	AVR1:decreased
C605	Open	Only -5	Normal operation.	
	Short	Only -5	No hazard.	AVR1:0
D101	Open		No hazard.	AVR1:0
	Short		No hazard.	AVR1:0
D102	Open		No hazard.	AVR1:0
	Short		No hazard.	AVR1:0
D103	Open		Normal operation.	
	Short		No hazard.	AVR1:0
D501	Open		See 8 Page.	
	Short		No hazard.	AVR1:0
D502	Open		See 8 Page.	
	Short		No hazard.	AVR1:0
IC101	Open	C	See 8 Page.	AVR1:0
		S	See 8 Page.	AVR1:0
		D	See 8 Page.	AVR1:0
	Short	C-S	See 8 Page.	AVR1:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
IC101	Short	C-D	See 8 Page.	AVR1:0
		S-D	See 8 Page.	AVR1:0
IC601	Open	K	No hazard.	AVR1:0
		A	No hazard.	AVR1:0
		R	No hazard.	AVR1:0
	Short	A-K	Output voltage decreased.	AVR1:decreased
		K-R	Output voltage decreased.	AVR1:decreased
		R-A	No hazard.	AVR1:0
J101	Open		No hazard.	AVR1:0
J102	Open		No hazard.	AVR1:0
J501	Open		No hazard.	AVR1:0
J502	Open		No hazard.	AVR1:0
J503	Open	Except-24	Normal operation.	
L101	Open		No hazard.	AVR1:0
	Short		Normal operation.	
L102	Open		No hazard.	AVR1:0
	Short		Normal operation.	
L103	Open		No hazard.	AVR1:0
	Short		Normal operation.	
L501	Open		No hazard.	AVR1:0
	Short		Normal operation.	
LED501	Open		Normal operation.	
	Short		Normal operation.	
PC101	Open	A, K	No hazard.	AVR1:0

## F M E A

Component	Mode		Comment	Output Voltage (V)
PC101	Open	C, E	No hazard.	AVR1:0
	Short	A-K	No hazard.	AVR1:0
		C-E	Output voltage decreased.	AVR1:decreased
PC102	Open	A, K	Normal operation.	
		C, E	Normal operation.	
	Short	A-K	Normal operation.	
		C-E	No hazard.	AVR1:0
SK101	Open		Normal operation.	
	Short		F101 opened, No hazard.	AVR1:0
SS101	Open		No hazard.	AVR1:0
	Short		F101 opened, No hazard.	AVR1:0
T101	Open	1or2	No hazard.	AVR1:0
		4or5	No hazard.	AVR1:0
		7, 8or9, 10	No hazard.	AVR1:0
	Short	1-2	No hazard.	AVR1:0
		4-5	Output voltage decreased.	AVR1:decreased
		7, 8-9, 10	No hazard.	AVR1:0
TH101	Open		No hazard.	AVR1:0
	Short		Normal operation.	
TR101	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No hazard.	AVR1:0
		E-B	Normal operation.	

## F M E A

Component	Mode		Comment	Output Voltage (V)
TR101	Short	B-C	No hazard.	AVR1:0
TR102	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No hazard.	AVR1:0
		E-B	Normal operation.	
		B-C	No hazard.	AVR1:0
VR601	Open	brush	Output voltage decreased.	AVR1:decreased
			Output voltage decreased.	AVR1:decreased
	Short		Output voltage increased. No hazard.	AVR1:increased
ZD501	Open		Normal operation.	
	Short		No hazard.	AVR1:0
ZD502	Open	Only -24	Normal operation.	
	Short	Only -24	No hazard.	AVR1:0
ZD503	Open	Except-24	Normal operation.	
	Short	Except-24	No hazard.	AVR1:0
R109	Open		Normal operation.	
R110	Open		Normal operation.	
R111	Open		No hazard.	AVR1:0
R112	Open		Normal operation.	
R113	Open		Normal operation.	
R114	Open		See 8 Page.	
R501	Open		Normal operation.	
R502	Open		Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage (V)
R503	Open		Normal operation.	
R520	Open		Normal operation.	
R601	Open	Except-24	Normal operation.	
R602	Open		Normal operation.	
R603	Open		Normal operation.	
R605	Open		Normal operation.	
R606	Open		Normal operation.	
R608	Open		Normal operation.	
R609	Open		No hazard.	AVR1:0
R610	Open		No hazard.	AVR1:0
R611	Open		Output voltage decreased.	AVR1:decreased
R614	Open		Normal operation.	

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
D501	Open		Normal operation.	AVR1:*
D502	Open		Normal operation.	AVR1:*
IC101	Open	C	No hazard.	AVR1:0
		S	No hazard.	AVR1:0
		D	No hazard.	AVR1:0
	Short	C-S	No hazard.	AVR1:0
		C-D	F101 opened, No hazard.	AVR1:0
		S-D	F101 opened, No hazard.	AVR1:0
R114	Open		Normal operation.	AVR1:*