

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:*