

## ABNORMAL TEST RESULT

OF MODEL PAA150F1. Did Cheese Cloth or Paper Glow?

No.

2. Did Ground Fuse Open?

No.

3. Dielectric breakdown

No.

4. Other Results

See the following pages (1/19~19/19).

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.

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C101	Short	F101 opened, No hazard.	0V
	Open	Normal operation.	
C102	Short	F101 opened, No hazard.	0V
	Open	Normal operation.	
C105	Short	F101 opened, No hazard.	0V
	Open	Normal operation.	
C106	Short	No hazard.	0V
	Open	Normal operation.	
C107	Short	No hazard.	0V
	Open	Output voltage decreased. No hazard.	
C108	Short	Normal operation.	
	Open	Normal operation.	
C109	Short	Output voltage decreased. No hazard.	
	Open	Normal operation.	
C110	Short	Normal operation.	
	Open	Normal operation.	
C111	Short	No hazard.	V
	Open	F101 opened, No hazard.	0V
C112	Short	No hazard.	0V
	Open	Normal operation.	
C113	Short	Normal operation.	
	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C114	Short	Normal operation.	
	Open	Normal operation.	
C115	Short	Normal operation.	
	Open	Normal operation.	
C116	Short	F101 opened, No hazard.	0V
	Open	No hazard.	0V
C201	Short	Normal operation.	
	Open	No hazard.	0V
C202	Short	No hazard.	0V
	Open	No hazard.	0V
C203	Short	Normal operation.	
	Open	Normal operation.	
C204	Short	Normal operation.	
	Open	Normal operation.	
C205	Short	Normal operation.	
	Open	Normal operation.	
C206	Short	No hazerd.	0V
	Open	No hazerd.	0V
C501	Short	Normal operation.	
	Open	Normal operation.	
C502	Short	Normal operation.	
	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
C503	Short	Normal operation.	
	Open	Normal operation.	
C504	Short	Normal operation.	
	Open	Normal operation.	
C505 (Except-24, -48)	Short	No hazard.	0V
	Open	Normal operation.	
C506	Short	No hazard.	0V
	Open	Normal operation.	
C507	Short	No hazard.	0V
	Open	Normal operation.	
C509	Short	Normal operation.	
	Open	Normal operation.	
C510	Short	Output voltage decreased. No hazard.	
	Open	Normal operation.	
C511	Short	Normal operation.	
	Open	Normal operation.	
C513	Short	No hazard.	0V
	Open	Normal operation.	
D101	Short	Normal operation.	
	Open	No hazard.	0V
D102	Short	Normal operation.	
	Open	No hazard.	0V
D103	Short	Normal operation.	
	Open	No hazard.	0V

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
D104	Short	No hazard.	0V
	Open	Normal operation.	
D105	Short	No hazard.	0V
	Open	Normal operation.	
D106	Short	F101 opened, No hazard.	
	Open	Normal operation.	0V
D107	Short	F101 opened, No hazard.	0V
	Open	No hazard.	0V
D108	Short	F101 opened, No hazard.	0V
	Open	No hazard.	0V
D109	Short	No hazard.	0V
	Open	Normal operation.	
D110	Short	Normal operation.	
	Open	Normal operation.	
D111	Short	Normal operation.	
	Open	Normal operation.	
D201	Short	No hazard.	0V
	Open	Output voltage decreased. No hazard.	
D202	Short	Normal operation.	
	Open	Normal operation.	
IC101	1-2	Short	Normal operation.
	1	Open	Normal operation.

ABNORMAL TEST RESULT

Component		Mode	Comment	Output Voltage (V)
IC101	2-3	Short	Normal operation.	
	2	Open	Normal operation.	
IC101	3-4	Short	Normal operation.	
	3	Open	Normal operation.	
IC101	4-5	Short	No hazard.	0V
	4	Open	Normal operation.	
IC101	5-6	Short	No hazard.	0V
	5	Open	Normal operation.	
IC101	6-7	Short	Normal operation.	
	6	Open	No hazard.	0V
IC101	7-8	Short	No hazard.	0V
	7	Open	No hazard.	0V
IC101	8	Open	No hazard.	0V
IC101	9-10	Short	R114 opened, No hazard.	0V
	9	Open	No hazard.	0V
IC101	10-11	Short	Normal operation.	
	10	Open	No hazard.	0V
IC101	11-12	Short	Normal operation.	
	11	Open	Normal operation.	

ABNORMAL TEST RESULT

Component		Mode	Comment	Output Voltage (V)
IC101	12-13	Short	No hazard.	0V
	12	Open	No hazard.	0V
IC101	13-14	Short	Normal operation.	
	13	Open	Normal operation.	
IC101	14-15	Short	Normal operation.	
	14	Open	Normal operation.	
IC101	15-16	Short	Normal operation.	
	15	Open	Normal operation.	
IC101	16	Open	F101 opened, No hazard.	0V
IC201	1-2	Short	No hazard.	0V
	1	Open	No hazard.	0V
IC201	2-3	Short	No hazard.	0V
	2	Open	No hazard.	0V
IC201	3-4	Short	Output voltage decreased. No hazard.	
	3	Open	No hazard.	0V
IC201	4-5	Short	Normal operation.	
	4	Open	No hazard.	0V
IC201	5-6	Short	Normal operation.	
	5	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
IC201	6-7	Short	Normal operation.
	6	Open	Normal operation.
IC201	7-8	Short	Normal operation.
	7	Open	Normal operation.
IC201	8-9	Short	Normal operation.
	8	Open	No hazard. 0V
IC201	9-10	Short	Normal operation.
	9	Open	Normal operation.
IC201	10	Open	No hazard. 0V
IC201	11-12	Short	No hazard. 0V
	11	Open	No hazard. 0V
IC201	12-13	Short	No hazard. 0V
	12	Open	No hazard. 0V
IC201	13-14	Short	No hazard. 0V
	13	Open	Output voltage decreased. No hazard.
IC201	14-15	Short	Normal operation.
	14	Open	Normal operation.
IC201	15-16	Short	Normal operation.
	15	Open	Normal operation.



ABNORMAL TEST RESULT

Component		Mode	Comment	Output Voltage (V)
IC201	16-17	Short	Normal operation.	
	16	Open	Normal operation.	
IC201	17-18	Short	Normal operation.	
	17	Open	No hazard.	0V
IC201	18-19	Short	Normal operation.	
	18	Open	Normal operation.	
IC201	19-20	Short	No hazard.	0V
	19	Open	Normal operation.	
IC201	20	Open	No hazard.	0V
IC501	K-R	Short	Output voltage decreased. No hazard.	
	K	Open	No hazard.	0V
IC501	R-A	Short	No hazard.	0V
	R	Open	No hazard.	0V
IC501	A-K	Short	Output voltage decreased. No hazard.	
	A	Open	No hazard.	0V
L101		Short	F101 opened, No hazard.	0V
		Open	No hazard.	0V
L102		Short	F101 opened, No hazard.	0V
		Open	No hazard.	0V

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
L103 ①, ②	Short	F101 opened, No hazard.	0V
	Open	Normal operation.	
L103 ②, ③	Short	F101 opened, No hazard.	0V
	Open	Normal operation.	
L103 ⑥, ⑨	Short	F101 opened, No hazard.	0V
	Open	No hazard.	0V
L507	Short	No hazard.	0V
	Open	No hazard.	0V
LED501	Short	Normal operation.	
	Open	Normal operation.	
PC201 (LED)	Short	Normal operation.	
	Open	Normal operation.	
PC201 (Transister)	Short	No hazard.	0V
	Open	Normal operation.	
PC202 (LED)	Short	No hazard.	0V
	Open	No hazard.	0V
PC202 (Transister)	Short	Output voltage decreased. No hazard.	
	Open	No hazard.	0V
PC203 (LED) (Only -R)	Short	No hazard.	0V
	Open	No hazard.	0V
PC203 (Transister) (Only -R)	Short	Normal operation.	
	Open	No hazard.	0V

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R101	Open	Normal operation.	
R102	Open	Normal operation.	
R103	Open	Normal operation.	
R104	Open	Normal operation.	
R105	Open	No hazard.	0V
R106	Open	No hazard.	0V
R107	Open	No hazard.	0V
R108	Open	No hazard.	0V
R109	Open	No hazard.	0V
R110	Open	Normal operation.	
R111	Open	Normal operation.	
R112	Open	Normal operation.	
R113	Open	Normal operation.	
R114	Open	Normal operation.	
R115	Open	Normal operation.	
R116	Open	No hazard.	0V
R117	Open	No hazard.	0V
R118	Open	No hazard.	0V
R119	Open	Normal operation.	
R120	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R121	Open	Normal operation.	
R122	Open	No hazard.	0V
R123	Open	No hazard.	0V
R124	Open	Normal operation.	
R125	Open	Normal operation.	
R126	Open	Normal operation.	
R127	Open	Normal operation.	
R128	Open	Output voltage decreased. No hazard.	
R129	Open	Normal operation.	
R130	Open	Normal operation.	
R131	Open	Normal operation.	
R132	Open	Normal operation.	
R133	Open	No hazard.	0V
R134	Open	Normal operation.	
R135	Open	No hazard.	0V
R136	Open	No hazard.	0V
R137	Open	Normal operation.	
R138	Open	Normal operation.	
R139	Open	Normal operation.	
R140	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R141	Open	Normal operation.	
R142	Open	Normal operation.	
R143	Open	No hazard.	0V
R144	Open	Normal operation.	
R145	Open	Normal operation.	
R146	Open	Normal operation.	
R147	Open	Normal operation.	
R148	Open	Normal operation.	
R149	Open	Normal operation.	
R150	Open	Normal operation.	
R151	Open	Normal operation.	
R152	Open	No hazard.	0V
R153	Open	Normal operation.	
R154	Open	Normal operation.	
R201	Open	No hazard.	0V
R202	Open	Output voltage decreased. No hazard.	
R203	Open	No hazard.	0V
R204	Open	Normal operation.	
R205	Open	Normal operation.	
R206	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R207	Open	No hazard.	0V
R208	Open	Output voltage decreased. No hazard.	
R209	Open	Output voltage decreased. No hazard.	
R211	Open	Output voltage decreased. No hazard.	
R212	Open	Normal operation.	
R501	Open	Normal operation.	
R502	Open	Normal operation.	
R503	Open	Normal operation.	
R504	Open	Normal operation.	
R505	Open	Normal operation.	
R506	Open	Normal operation.	
R507	Open	Normal operation.	
R508	Open	Normal operation.	
R509	Open	No hazard.	0V
R510	Open	Normal operation.	
R511	Open	Normal operation.	
R512	Open	No hazard.	0V
R513	Open	Normal operation.	
R514	Open	Output voltage decreased. No hazard.	
R515	Open	Normal operation.	
R516	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
R517	Open	Normal operation.	
R518	Open	Normal operation.	
R519	Open	Normal operation.	
R520	Open	Normal operation.	
R521	Open	Normal operation.	
R522 (Only -R)	Open	No hazard.	0V
R523 (Only -R)	Open	No hazard.	0V
R524 (Only -48)	Open	Normal operation.	
SS101	Short	F101 opened, No hazard.	0V
	Open	No hazard.	0V
SS501 (Foward side)	Short	F101 opened, No hazard.	0V
	Open	Normal operation.	
SS501 (Flyback side)	Short	F101 opened, No hazard.	0V
	Open	Normal operation.	
SS502 (Foward side) (Except -48)	Short	F101 opened, No hazard.	0V
	Open	Normal operation.	
SS502 (Flyback side) (Except -48)	Short	F101 opened, No hazard.	0V
	Open	Normal operation.	
SS503 (Foward side) (Except -24, -48)	Short	F101 opened, No hazard.	0V
	Open	Normal operation.	
SS503 (Flyback side) (Except -24, -48)	Short	F101 opened, No hazard.	0V
	Open	Normal operation.	

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
T101 ⑤, ⑥	Short	F101 opened, No hazard.	0V
	Open	No hazard.	0V
T101 ②, ③	Short	F101 opened, No hazard.	0V
	Open	Output voltage decreased. No hazard.	
T101⑧⑨, ⑩⑪	Short	F101 opened, No hazard.	0V
	Open	No hazard.	0V
TH101	Short	Normal operation.	
	Open	No hazard.	0V
TR101	D-S	Short	Normal operation.
	D	Open	Normal operation.
TR101	S-G	Short	Normal operation.
	S	Open	Normal operation.
TR101	G-D	Short	Normal operation.
	G	Open	Normal operation.
TR102	D-S	Short	Normal operation.
	D	Open	No hazard. 0V
TR102	S-G	Short	No hazard. 0V
	S	Open	No hazard. 0V
TR102	G-D	Short	Normal operation.
	G	Open	No hazard. 0V



ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
TR103	D-S	Short	Normal operation.
	D	Open	No hazard. 0V
TR103	S-G	Short	No hazard. 0V
	S	Open	No hazard. 0V
TR103	G-D	Short	Normal operation.
	G	Open	No hazard. 0V
TR104	D-S	Short	Normal operation.
	D	Open	No hazard. 0V
TR104	S-G	Short	No hazard. 0V
	S	Open	No hazard. 0V
TR104	G-D	Short	Normal operation.
	G	Open	No hazard. 0V
TR105	D-S	Short	Normal operation.
	D	Open	Normal operation.
TR105	S-G	Short	Normal operation.
	S	Open	Normal operation.
TR105	G-D	Short	Normal operation.
	G	Open	Normal operation.

ABNORMAL TEST RESULT

Component		Mode	Comment	Output Voltage (V)
TR106	D-S	Short	F101 opened, No hazard.	0V
	D	Open	No hazard.	0V
TR106	S-G	Short	No hazard.	0V
	S	Open	No hazard.	0V
TR106	G-D	Short	F101 opened, No hazard.	0V
	G	Open	F101 opened, No hazard.	0V
TR201	D-S	Short	F101 opened, No hazard.	0V
	D	Open	No hazard.	0V
TR201	S-G	Short	No hazard.	0V
	S	Open	No hazard.	0V
TR201	G-D	Short	F101 opened, No hazard.	0V
	G	Open	F101 opened, No hazard.	0V
VR501 (Brush side)		Open	Output voltage decreased. No hazard.	
VR501		Short	Normal operation.	
		Open	Output voltage decreased. No hazard.	
ZD101		Short	Normal operation.	
		Open	No hazard.	0V
ZD102		Short	Normal operation.	
		Open	No hazard.	0V

ABNORMAL TEST RESULT

Component	Mode	Comment	Output Voltage (V)
ZD103	Short	Normal operation.	
	Open	Normal operation.	
ZD104	Short	Normal operation.	
	Open	No hazard.	0V
ZD201	Short	No hazard.	0V
	Open	Normal operation.	
ZD501	Short	No hazard.	0V
	Open	Normal operation.	
ZD502 (Only -24, -48)	Short	No hazard.	0V
	Open	Normal operation.	
ZD503 (Only -48)	Short	Output voltage decreased. No hazard.	
	Open	No hazard.	0V