



ABNORMAL TEST RESULT

OF MODEL WDA120F

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 : 2/12 ~ 11/12)

(Abnormal Test Result: 12/12 ~ 12/12)

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.	AVR1:*
	Short	Fuse opend. No Hazard.	AVR1:0
C103	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C104	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C109	Open	Normal operation.	AVR1:*
	Short	Fuse opend. No Hazard.	AVR1:0
C110	Open	Normal operation.	AVR1:*
	Short	Fuse opend. No Hazard.	AVR1:0
C111	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C114	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C201	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C202	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C203	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C204	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C205	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased



F M E A

Component	Mode	Comment	Output Voltage (V)
C206	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C207	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C208	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C212	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C213	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C501	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C502	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C503	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C506	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C507	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C508	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C509 (Only -24)	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased



F M E A

Component	Mode	Comment	Output Voltage (V)
C512	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
C515	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C601 (Only -48)	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C602	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0
C603	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
C606 (Only -24)	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D101	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D201	Open	No Hazard.	AVR1:decreased
	Short	No Hazard.	AVR1:0
D202	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:decreased
D203	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D204	Open	Normal operation.	AVR1:*
	Short	Normal operation.	AVR1:*
D205	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1: decreased



F M E A

Component	Mode		Comment	Output Voltage (V)
D206	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:decreased
D207	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
IC201	Open	1	No Hazard.	AVR1:decreased
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
		6	No Hazard.	AVR1:0
		7	Normal operation.	AVR1:*
		8	No Hazard.	AVR1:0
	Short	1-2	No Hazard.	AVR1:decreased
		2-3	No Hazard.	AVR1:decreased
		3-4	No Hazard.	AVR1:decreased
		5-6	Fuse opend. No Hazard.	AVR1:0
		6-7	Normal operation.	AVR1:*
		7-8	Normal operation.	AVR1:*
IC601	Open	1	Normal operation.	AVR1:*
		2	Normal operation.	AVR1:*
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*



F M E A

Component	Mode		Comment	Output Voltage (V)
IC601	Short	2-3	No Hazard.	AVR1:0
		4-5	No Hazard.	AVR1:0
L101	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0
		4	No Hazard.	AVR1:0
	Short	1-2	Normal operation.	AVR1:*
		2-3	Fuse opend. No Hazard.	AVR1:0
		3-4	Normal operation.	AVR1:*
L501	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
LED501	Open		Normal operation.	AVR1:*
	Short		Normal operation.	AVR1:*
PC201	Open	A, K	No Hazard.	AVR1:0
		C, E	No Hazard.	AVR1:0
	Short	A-K	No Hazard.	AVR1:0
		C-E	No Hazard.	AVR1:0
R101	Open		Normal operation.	AVR1:*
R102	Open		Normal operation.	AVR1:*
R103	Open		Normal operation.	AVR1:*
R110	Open		Normal operation.	AVR1:*
R111	Open		Normal operation.	AVR1:*
R112	Open		Normal operation.	AVR1:*
R113	Open		Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)
R114	Open	Normal operation.	AVR1:*
R115	Open	Normal operation.	AVR1:*
R116	Open	No Hazard.	AVR1:0
R201	Open	No Hazard.	AVR1:decreased
R202	Open	No Hazard.	AVR1:decreased
R203	Open	No Hazard.	AVR1:0
R205	Open	No Hazard.	AVR1:decreased
R208	Open	No Hazard.	AVR1:0
R209	Open	No Hazard.	AVR1:0
R210	Open	Normal operation.	AVR1:*
R212	Open	No Hazard.	AVR1:0
R214	Open	No Hazard.	AVR1:decreased
R215	Open	No Hazard.	AVR1:decreased
R216	Open	No Hazard.	AVR1:decreased
R217	Open	No Hazard.	AVR1:decreased
R219	Open	Normal operation.	AVR1:*
R220	Open	Normal operation.	AVR1:*
R222	Open	Normal operation.	AVR1:*
R223	Open	Normal operation.	AVR1:*
R224	Open	Normal operation.	AVR1:*
R225	Open	Normal operation.	AVR1:*
R226	Open	Normal operation.	AVR1:*
R230	Open	Normal operation.	AVR1:*
R231	Open	Normal operation.	AVR1:*



F M E A

Component	Mode		Comment	Output Voltage (V)
R501	Open		Normal operation.	AVR1:*
R502	Open		Normal operation.	AVR1:*
R503	Open		Normal operation.	AVR1:*
R504	Open		Normal operation.	AVR1:*
R505	Open		Normal operation.	AVR1:*
R506	Open		Normal operation.	AVR1:*
R507	Open		Normal operation.	AVR1:*
R508	Open		Normal operation.	AVR1:*
R509	Open		Normal operation.	AVR1:*
R510	Open		Normal operation.	AVR1:*
R513	Open		Normal operation.	AVR1:*
R514 (Only -48)	Open		Normal operation.	AVR1:*
R601	Open		Normal operation.	AVR1:*
R602	Open		Normal operation.	AVR1:*
R603	Open		Normal operation.	AVR1:*
R604	Open		Normal operation.	AVR1:*
R605	Open		No Hazard.	AVR1:0
R606	Open		No Hazard.	AVR1:0
R607	Open		No Hazard.	AVR1:decreased
R608 (Only -24)	Open		Normal operation.	AVR1:*
R610	Open		Normal operation.	AVR1:*
SS101	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		3	No Hazard.	AVR1:0



F M E A

Component	Mode		Comment	Output Voltage (V)
SS101	Open	4	No Hazard.	AVR1:0
	Short	1-2	Fuse opend. No Hazard.	AVR1:0
		2-3	Fuse opend. No Hazard.	AVR1:0
		3-4	Fuse opend. No Hazard.	AVR1:0
SS501	Open	1	Normal operation.	AVR1:*
		2	No Hazard.	AVR1:decreased
		3	Normal operation.	AVR1:*
	Short	1-2	No Hazard.	AVR1:decreased
		2-3	No Hazard.	AVR1:decreased
T201	Open	1	No Hazard.	AVR1:0
		2	No Hazard.	AVR1:0
		5	No Hazard.	AVR1:decreased
		6	No Hazard.	AVR1:decreased
		8	Normal operation.	AVR1:*
		9	Normal operation.	AVR1:*
		10	Normal operation.	AVR1:*
		11	Normal operation.	AVR1:*
	Short	1-2	Fuse opend. No Hazard.	AVR1:0
		5-6	Fuse opend. No Hazard.	AVR1:0
		8 9-10 11	No Hazard.	AVR1:decreased
TH101	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
TR201	Open	D	No Hazard.	AVR1:0
		S	No Hazard.	AVR1:0



F M E A

Component	Mode		Comment	Output Voltage (V)
TR201	Open	G	No Hazard.	AVR1:0
	Short	D-S	See page 12.	
		S-G	No Hazard.	AVR1:0
		G-D	Fuse opend. No Hazard.	AVR1:0
TR203	Open	C	Normal operation.	AVR1:*
		E	Normal operation.	AVR1:*
		B	Normal operation.	AVR1:*
	Short	C-E	No Hazard.	AVR1:decreased
		E-B	Normal operation.	AVR1:*
		B-C	No Hazard.	AVR1:decreased
TR601	Open	D	Normal operation.	AVR1:*
		S	Normal operation.	AVR1:*
		G	Normal operation.	AVR1:*
	Short	D-S	No Hazard.	AVR1:0
		S-G	Normal operation.	AVR1:*
		G-D	No Hazard.	AVR1:0
VR601	Open	brush	No Hazard.	AVR1:decreased
			No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:increased
ZD202	Open		Normal operation.	AVR1:*
	Short		No Hazard.	AVR1:0
ZD601 (Only -48)	Open		No Hazard.	AVR1:0
	Short		Normal operation.	AVR1:*
ZD602	Open		Normal operation.	AVR1:*



F M E A

Component	Mode	Comment	Output Voltage (V)
ZD602	Short	No Hazard.	AVR1:0
ZD603 (Only -48)	Open	Normal operation.	AVR1:*
	Short	No Hazard.	AVR1:0



ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage (V)
TR201	Short	D-S	Fuse opend. No Hazard.	AVR1:0