

ABNORMAL TEST RESULT

OF MODEL ACW75B-12, -15

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 : 2/14 ~ 12/14)

(Abnormal Test Result: 13/14 ~ 14/14)

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
C202	Open	Normal operation.	
	Short	No Hazard.	V1:0V V2:0V
C203	Open	No Hazard.	V1:0V V2:0V
	Short	No Hazard.	V1:0V V2:0V
C204	Open	Normal operation.	
	Short	Normal operation.	
C205	Open	No Hazard.	V1, V2: Decreased
	Short	Normal operation.	
C206	Open	Normal operation.	
	Short	Normal operation.	
C207	Open	Normal operation.	
	Short	Normal operation.	
C208	Open	Normal operation.	
	Short	Normal operation.	
C209	Open	Normal operation.	
	Short	No Hazard.	V1:0V V2:0V
C210	Open	Normal operation.	
	Short	Normal operation.	
C501	Open	Normal operation.	
	Short	Normal operation.	
C502	Open	Normal operation.	
	Short	Normal operation.	
C503	Open	Normal operation.	
	Short	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
C504	Open		Normal operation.	
	Short		Normal operation.	
C505	Open		Normal operation.	
	Short		No Hazard.	V1:0V V2:0V
C506	Open		Normal operation.	
	Short		No Hazard.	V1:0V V2:0V
C507	Open		Normal operation.	
	Short		No Hazard.	V1:0V V2:0V
C508	Open		Normal operation.	
	Short		No Hazard.	V1:0V V2:0V
C513	Open		No Hazard.	V1, V2:Decreased
	Short		No Hazard.	V1, V2:Decreased
C519	Open		Normal operation.	
	Short		Normal operation.	
C520	Open		Normal operation.	
	Short		Normal operation.	
C523	Open		Normal operation.	
	Short		Normal operation.	
C524	Open		Normal operation.	
	Short		Normal operation.	
CN201	Open	1	No Hazard.	V1:0V V2:0V
		2	No Hazard.	V1:0V V2:0V
		3	Normal operation.	
		4	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
CN201	Open	5	Normal operation.	
		6	Normal operation.	
		7	Normal operation.	
	Short	1-2	Normal operation.	
		2-3	No Hazard.	V1:0V V2:0V
		3-4	Normal operation.	
		4-5	Normal operation.	
	5-6	Normal operation.		
	6-7	Normal operation.		
D201	Open		Normal operation.	
	Short		Normal operation.	
D202	Open		Normal operation.	
	Short		Normal operation.	
D203	Open		Normal operation.	
	Short		No Hazard.	V1:0V V2:0V
D503	Open		Normal operation.	
	Short		Normal operation.	
IC201	Open	1	No Hazard.	V1:0V V2:0V
		2	No Hazard.	V1:0V V2:0V
		3	F701 opened, No hazard.	V1:0V V2:0V
		4	Normal operation.	
		5	Normal operation.	
		6	Normal operation.	
		7	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
IC201	Open	8	Normal operation.	
		9	Normal operation.	
		10	No Hazard.	V1:0V V2:0V
		11	No Hazard.	V1:0V V2:0V
		12	No Hazard.	V1:0V V2:0V
		13	No Hazard.	V1, V2:Decreased
		14	Normal operation.	
		15	Normal operation.	
		16	Normal operation.	
		17	No Hazard.	V1:0V V2:0V
		18	No Hazard.	V1, V2:Decreased
		19	No Hazard.	V1, V2:Decreased
		20	No Hazard.	V1:0V V2:0V
	Short	1-2	Normal operation.	
		2-3	No Hazard.	V1:0V V2:0V
		3-4	Normal operation.	
		4-5	Normal operation.	
		5-6	Normal operation.	
		6-7	Normal operation.	
		7-8	Normal operation.	
8-9		Normal operation.		
9-10		No Hazard.	V1:0V V2:0V	
11-12	No Hazard.	V1:0V V2:0V		
12-13	No Hazard.	V1:0V V2:0V		

F M E A

Component	Mode		Comment	Output Voltage
IC201	Short	13-14	Normal operation.	
		14-15	Normal operation.	
		15-16	Normal operation.	
		16-17	Normal operation.	
		17-18	Normal operation.	
		18-19	Normal operation.	
		19-20	No Hazard.	V1:0V V2:0V
IC501	Open	K	No Hazard.	V1:0V V2:0V
		A	No Hazard.	V1:0V V2:0V
		R	No Hazard.	V1:0V V2:0V
	Short	A-K	No Hazard.	V1, V2:Decreased
		K-R	No Hazard.	V1, V2:Decreased
		R-A	No Hazard.	V1:0V V2:0V
J202	Open		Normal operation.	
J501	Open		Normal operation.	
J502	Open		No Hazard.	V1:0V V2:0V
J506	Open		Normal operation.	
J507	Open		Normal operation.	
L507	Open	1, 2	See 13 Page.	
		3, 4	See 13 Page.	
	Short	1-2	See 13 Page.	
		3-4	See 13 Page.	
		1-3	See 13 Page.	
		2-4	See 13 Page.	

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Component	Mode		Comment	Output Voltage	
L509	Open		Normal operation.		
	Short		Normal operation.		
L510	Open		Normal operation.		
	Short		Normal operation.		
PC201	Open	A, K	No Hazard.	V1:0V	V2:0V
		C, E	No Hazard.	V1:0V	V2:0V
	Short	A-K	No Hazard.	V1:0V	V2:0V
		C-E	No Hazard.	V1:0V	V2:0V
PC202	Open	A, K	Normal operation.		
		C, E	Normal operation.		
	Short	A-K	Normal operation.		
		C-E	No Hazard.	V1:0V	V2:0V
PC203	Open	A, K	Normal operation.		
		C, E	Normal operation.		
	Short	A-K	Normal operation.		
		C-E	No Hazard.	V1:0V	V2:0V
R201	Open		No Hazard.	V1:0V	V2:0V
R202	Open		No Hazard.	V1:0V	V2:0V
R203	Open		Normal operation.		
R204	Open		Normal operation.		
R205	Open		No Hazard.	V1:0V	V2:0V
R206	Open		No Hazard.	V1:0V	V2:0V
R207	Open		No Hazard.	V1:0V	V2:0V
R208	Open		No Hazard.	V1, V2:Decreased	

F M E A

Component	Mode	Comment	Output Voltage
R209	Open	Normal operation.	
R210	Open	Normal operation.	
R211	Open	Normal operation.	
R212	Open	F701 opened, No hazard.	V1:0V V2:0V
R214	Open	No Hazard.	V1, V2: Decreased
R215	Open	Normal operation.	
R216	Open	Normal operation.	
R218	Open	Normal operation.	
R220	Open	No Hazard.	V1, V2: Decreased
R222	Open	Normal operation.	
R223	Open	Normal operation.	
R501	Open	Normal operation.	
R502	Open	Normal operation.	
R503	Open	No Hazard.	V1:0V V2:0V
R504	Open	Normal operation.	
R505	Open	No Hazard.	V1, V2: Decreased
R506	Open	No Hazard.	V1:0V V2:0V
R507	Open	No Hazard.	V1, V2: Decreased
R509	Open	No Hazard.	V1:0V V2:0V
R510	Open	Normal operation.	
R511	Open	Normal operation.	
R512	Open	Normal operation.	
R513	Open	Normal operation.	
R518	Open	Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage
R519	Open	Normal operation.	
R520	Open	No Hazard.	V1:0V V2:0V
R521	Open	Normal operation.	
R522	Open	Normal operation.	
R523	Open	Normal operation.	
R524	Open	Normal operation.	
R525	Open	Normal operation.	
R526	Open	Normal operation.	
R527	Open	Normal operation.	
R528	Open	Normal operation.	
R529	Open	Normal operation.	
R530	Open	Normal operation.	
R541	Open	Normal operation.	
R542	Open	Normal operation.	
R552	Open	Normal operation.	
R553	Open	Normal operation.	
R554	Open	Normal operation.	
R561	Open	Normal operation.	
R562	Open	Normal operation.	
R563	Open	Normal operation.	
R564	Open	Normal operation.	
R565	Open	Normal operation.	
R566	Open	Normal operation.	
R567	Open	Normal operation.	

F M E A

Component	Mode		Comment	Output Voltage
R568	Open		Normal operation.	
R569	Open		Normal operation.	
R570	Open		Normal operation.	
SS501	Open	Forward side	See 13 Page.	
		Flyback side	See 13 Page.	
		Cathode side	See 13 Page.	
	Short	Forward side	See 13 Page.	
		Flyback side	See 13 Page.	
	SS502	Open	Forward side	See 13 Page.
Flyback side			See 13 Page.	
Cathode side			See 13 Page.	
Short		Forward side	See 13 Page.	
		Flyback side	See 13 Page.	
T201		Open	1or3	No Hazard.
	6or7		See 13 Page.	
	8or9		See 13 Page.	
	Short	1-3	F701 opened, No hazard.	V1:0V V2:0V
		6-7	See 13 Page.	
		8-9	See 13 Page.	
TR201	Open	D	See 13 Page.	
		S	See 13 Page.	
		G	See 13 Page.	
	Short	D-S	See 13 Page.	
		S-G	See 14 Page.	

F M E A

Component	Mode		Comment	Output Voltage
TR201	Short	G-D	See 14 Page.	
TR202	Open	C	No Hazard.	V1:0V V2:0V
		E	No Hazard.	V1:0V V2:0V
		B	No Hazard.	V1:0V V2:0V
	Short	C-E	Normal operation.	
		E-B	No Hazard.	V1:0V V2:0V
		B-C	Normal operation.	
TR501	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	Normal operation.	
		E-B	Normal operation.	
		B-C	Normal operation.	
TR503	Open	C	Normal operation.	
		E	Normal operation.	
		B	Normal operation.	
	Short	C-E	No Hazard.	V1:0V V2:0V
		E-B	Normal operation.	
		B-C	Normal operation.	
VR501	Open	brush	No Hazard.	V1, V2:Decreased
			No Hazard.	V1, V2:Decreased
ZD501	Open		Normal operation.	
	Short		No Hazard.	V1:0V V2:0V
ZD505	Open		Normal operation.	

F M E A

Component	Mode	Comment	Output Voltage
ZD505	Short	Normal operation.	
ZD507	Open	Normal operation.	
	Short	No Hazard.	V1:0V V2:0V

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage
L507	Open	1, 2	No Hazard.	V1:0V V2:0V
		3, 4	No Hazard.	V1:0V V2:0V
	Short	1-2	No Hazard.	V1, V2:Decreased
		3-4	No Hazard.	V1, V2:Decreased
		1-3	No Hazard.	V1, V2:Decreased
		2-4	No Hazard.	V1, V2:Decreased
	SS501	Open	Forward side	No Hazard.
Flyback side			No Hazard.	V1:0V V2:0V
Cathode side			No Hazard.	V1:0V V2:0V
Short		Forward side	No Hazard.	V1, V2:Decreased
		Flyback side	No Hazard.	V1, V2:Decreased
SS502	Open	Forward side	No Hazard.	V1:0V V2:0V
		Flyback side	No Hazard.	V1:0V V2:0V
		Cathode side	No Hazard.	V1:0V V2:0V
	Short	Forward side	No Hazard.	V1, V2:Decreased
		Flyback side	No Hazard.	V1, V2:Decreased
T201	Open	6or7	No Hazard.	V1:0V V2:0V
		8or9	No Hazard.	V1:0V V2:0V
	Short	6-7	No Hazard.	V1, V2:Decreased
		8-9	No Hazard.	V1, V2:Decreased
TR201	Open	D	No Hazard.	V1:0V V2:0V
		S	No Hazard.	V1:0V V2:0V
		G	F701 opened, No hazard.	V1:0V V2:0V
	Short	D-S	F701 opened, No hazard.	V1:0V V2:0V

ABNORMAL TEST RESULT

Component	Mode		Comment	Output Voltage	
TR201	Short	S-G	No Hazard.	V1:0V	V2:0V
		G-D	F701 opened, No hazard.	V1:0V	V2:0V