

#### ABNORMAL TEST RESULT

OF MODEL ACS150B-3R3, 5, 12, 24

1. Did Cheese Cloth or Paper Glow?

2. Did Ground Fuse Open?

No.

3. Dielectric breakdown?

No.

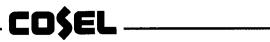
4. Other Results?

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See the following pages . (FMEA : 2/13 \sim 12/13) (Abnormal Test Result: 13/13 \sim 13/13)
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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.



Component	Mode	Comment	Output Voltage (V)
C202	0pen	Normal operation.	
	Short	No Hazard.	ov
C203	0pen	No Hazard.	ov
	Short	No Hazard.	ov
C204	0pen	Normal operation.	
	Short	Normal operation.	
C205	0pen	No Hazard.	Decreased
	Short	Normal operation.	
C206	0pen	Normal operation.	
	Short	Normal operation.	
C207	0pen	Normal operation.	
	Short	Normal operation.	
C208	0pen	Normal operation.	
	Short	Normal operation.	
C209	0pen	Normal operation.	
	Short	No Hazard.	ov
C210	0pen	Normal operation.	
	Short	Normal operation.	
C211	0pen	Normal operation.	
	Short	Normal operation.	
C212	0pen	Normal operation.	
	Short	Normal operation.	
C213 Only 3R3,5	0pen	Normal operation.	
·	Short	No Hazard.	OV



Component	Mode	Comment	Output Voltage (V)
C501	0pen	Normal operation.	
	Short	Normal operation.	
C502	0pen	Normal operation.	
	Short	Normal operation.	
C503	0pen	Normal operation.	
	Short	Normal operation.	
C504	0pen	Normal operation.	
	Short	Normal operation.	
C505	0pen	Normal operation.	
	Short	No Hazard.	OV
C506	0pen	Normal operation.	
	Short	No Hazard.	0 <b>V</b>
C507	0pen	Normal operation.	
	Short	No Hazard.	OV
C508	0pen	Normal operation.	
	Short	No Hazard.	OV
C512 Only 3R3, 5	0pen	No Hazard.	Decreased
	Short	No Hazard.	Decreased
C513	0pen	No Hazard.	Decreased
	Short	No Hazard.	Decreased
C515	0pen	Normal operation.	
	Short	Normal operation.	
C517 Only 3R3	0pen	Normal operation.	
	Short	No Hazard.	Decreased

# $\underline{F} \quad \underline{M} \quad \underline{E} \quad \underline{A}$

Component		Mode	Comment	Output Voltage (V)
C518 Only 3R3	0pen		Normal operation.	
	Short		No Hazard.	Decreased
C519	0pen	1 100,000	Normal operation.	
	Short		Normal operation.	
C520	0pen		Normal operation.	
	Short		Normal operation.	
C523 Except 3R3	0pen		Normal operation.	
	Short		Normal operation.	
CN201	0pen	1	No Hazard.	OV
		2	No Hazard.	OV
		3	Normal operation.	
		4	Normal operation.	
		5	Normal operation.	
		6	Normal operation.	
		7	Normal operation.	
	Short	1-2	Normal operation.	
		2-3	No Hazard.	ov
		3-4	Normal operation.	
		4-5	Normal operation.	
		5-6	Normal operation.	
		6-7	Normal operation.	
D201	0pen		Normal operation.	
	Short		Normal operation.	
D202	0pen		Normal operation.	



Component		Mode	Comment	Output Voltage (V)
D202	Short		Normal operation.	
D203	0pen		Normal operation.	
	Short		No Hazard.	ov
F501	0pen		No Hazard.	0 <b>V</b>
F502	0pen		No Hazard.	OV
IC201	0pen	1	No Hazard.	ov
		2	No Hazard.	OV
		3	F701 opened, No hazard.	ov
		4	Normal operation.	
		5	Normal operation.	
		6	Normal operation.	
		7	Normal operation.	
		8	Normal operation.	
		9	Normal operation.	
		10	No Hazard.	ov
		11	No Hazard.	0 <b>V</b>
		12	No Hazard.	OV
		13	No Hazard.	Decreased
		14	Normal operation.	
		15	Normal operation.	
		16	Normal operation.	
		17	No Hazard.	ov
		18	No Hazard.	Decreased
		19	No Hazard.	Decreased



Component	Prince of the second	Mode	Comment	Output Voltage (V)
IC201	0pen	20	No Hazard.	ov
	Short	1-2	Normal operation.	
		2-3	No Hazard.	ov
		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.	ov
		11-12	No Hazard.	ov
		12-13	No Hazard.	ov
		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.	OV
IC501	0pen	K	No Hazard.	ov
		A	No Hazard.	OV
		R	No Hazard.	OV
	Short	А-К	No Hazard.	Decreased
		K-R	No Hazard.	Decreased

Component		Mode	Comment	Output Voltage (V)
IC501	Short	R-A	No Hazard.	ov
J202	0pen		Normal operation.	
J501 Except 24	0pen		Normal operation.	
J502	0pen		No Hazard.	ov
J505 Except 24	0pen		Normal operation.	
J506 Only 3R3	0pen		Normal operation.	
L507	0pen		See 13 Page.	
	Short		See 13 Page.	
L509	0pen		Normal operation.	
	Short		Normal operation.	
PC201	0pen	A, K	No Hazard.	ov
		C, E	No Hazard.	OV
	Short	А-К	No Hazard.	ov
		С-Е	No Hazard.	ov
PC202	0pen	A, K	Normal operation.	
		C, E	Normal operation.	
	Short	А-К	Normal operation.	
		С-Е	No Hazard.	ov
PC203	0pen	A, K	Normal operation.	
		C, E	Normal operation.	
	Short	А-К	Normal operation.	
		С-Е	No Hazard.	ov
SS501	0pen	Cathode side	See 13 Page.	
		Alternative anodes	See 13 Page.	

Component		Mode	Comment	Output Voltage (V)
SS501	Short	А-К	See 13 Page.	
SS502	0pen	Cathode side	See 13 Page.	
		Alternative anodes	See 13 Page.	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \
	Short	A-K	See 13 Page.	
SS503 Except 24	0pen	Cathode side	See 13 Page.	
DACOP! _		Alternative anodes	See 13 Page.	
	Short		See 13 Page.	
T201	0pen	2or3or4or5	No Hazard.	ov
		8, 10, 12or9, 1 1, 13	See 13 Page.	
	Short		F701 opened, No hazard.	ov
		3-4	Normal operation.	
			F701 opened, No hazard.	ov
		8, 10, 12- 9, 11, 13	See 13 Page.	
TR201	Open		See 13 Page.	
		S	See 13 Page.	
		G	See 13 Page.	
	Short	D-S	See 13 Page.	
		SG	See 13 Page.	
		G-D	See 13 Page.	
TR202	0pen	С	No Hazard.	OV
	,	E	No Hazard.	OV
		В	No Hazard.	ov
	Short	С-Е	Normal operation.	
	'	E-B	No Hazard.	OV



Component		Mode	Comment	Output Voltage (V)
TR202	Short	В-С	Normal operation.	
TR501	0pen	С	Normal operation.	
		Е	Normal operation.	
		В	Normal operation.	
	Short	С-Е	Normal operation.	
		Е-В	Normal operation.	
		В-С	Normal operation.	
VR201	0pen	brush	No Hazard.	Decreased
			No Hazard.	Decreased
<b>V</b> R501	0pen	brush	No Hazard.	Decreased
			No Hazard.	Decreased
ZD501	0pen		Normal operation.	
	Short		No Hazard.	ov
ZD502 Only 24	0pen		Normal operation.	
	Short		No Hazard.	ov
ZD505 Only 24	0pen		Normal operation.	
	Short		Normal operation.	
ZD506 Except 3R3	0pen		Normal operation.	
	Short		Normal operation.	
R201	0pen		No Hazard.	ov
R202	0pen		No Hazard.	ov
R203	0pen		Normal operation.	
R204	0pen		Normal operation.	
R205	0pen		No Hazard.	ov

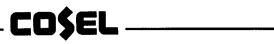


### $\underline{F} \quad \underline{M} \quad \underline{E} \quad \underline{A}$

Component	Mode	Comment	Output Voltage (V)
R206	0pen	No Hazard.	OV
R207	0pen	No Hazard.	OV
R208	0pen	No Hazard.	Decreased
R209	0pen	Normal operation.	
R210	0pen	Normal operation.	
R211	0pen	Normal operation.	
R212	0pen	F701 opened, No hazard.	ov
R213	0pen	Normal operation.	
R214	0pen	No Hazard.	Decreased
R215	0pen	Normal operation.	
R216	0pen	Normal operation.	
R217	0pen	No Hazard.	Decreased
R218	0pen	Normal operation.	
R219 Only 3R3,5	0pen	Normal operation.	
R501	0pen	Normal operation.	
R502	0pen	Normal operation.	
R503	0pen	No Hazard.	ov
R504	0pen	Normal operation.	
R505	0pen	No Hazard.	Decreased
R506	0pen	No Hazard.	ov
R507	0pen	No Hazard.	Decreased
R509	0pen	No Hazard.	ov
R510	0pen	Normal operation.	
R511	0pen	Normal operation.	



Component	Mode	Comment	Output Voltage (V)
R512	0pen	Normal operation.	
R513	0pen	Normal operation.	
R514	0pen	Normal operation.	
R515	0pen	Normal operation.	
R518	0pen	Normal operation.	
R519	0pen	Normal operation.	
R521	0pen	Normal operation.	
R522	0pen	Normal operation.	
R523	0pen	Normal operation.	
R524	0pen	Normal operation.	
R525	0pen	Normal operation.	
R526	0pen	Normal operation.	
R527	0pen	Normal operation.	
R528	0pen	Normal operation.	
R529	0pen	Normal operation.	
R530	0pen	Normal operation.	
R531 Only 3R3	0pen	Normal operation.	
R532 Only 3R3	0pen	Normal operation.	
R533 Only 3R3	0pen	Normal operation.	
R534 Only 3R3	0pen	Normal operation.	
R535 Dnly 3R3	0pen	Normal operation.	
R536 Only 3R3	0pen	Normal operation.	
R541	0pen	Normal operation.	
R542	0pen	Normal operation.	



Component	Mode	Comment	Output Voltage (V)
R544	0pen	No Hazard.	ov
R547 Only 3R3	0pen	Normal operation.	



#### ABNORMAL TEST RESULT

Component		Mode	Comment	Output Voltage (V)
L507	0pen		F701 opened, No hazard.	OV
	Short		No Hazard.	OV
SS501	0pen	Cathode side	F701 opened, No hazard.	ov
		Alternative anodes	Normal operation.	
	Short	A-K	No Hazard.	ov
SS502	0pen	Cathode side	F701 opened, No hazard.	24:0V
		Alternative anodes	Normal operation.	
	Short	A-K	No Hazard.	ov
SS503 Except 24	0pen	Cathode side	Normal operation.	
		Alternative anodes	Normal operation.	
	Short	A-K	No Hazard.	ov
T201	0pen	8, 10, 12or9, 1 1, 13	F701 opened, No hazard.	ov
	Short	8, 10, 12- 9, 11, 13	No Hazard.	ov
TR201	0pen	D	No Hazard.	ov
		S	No Hazard.	ov
		G	F701 opened, No hazard.	ov
	Short	D-S	F701 opened, No hazard.	ov
		S-G	No Hazard.	ov
		G-D	F701 opened, No hazard.	OV