

ABNORMAL TEST RESULTOF MODEL MMC50U-1/MMC50A-1

DRAWING NO.: BEE-0003

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TESTING EQUIPMENT:

DC Current Meter --- YEW (Yokogawa Electric Works Ltd.)
TYPE 2051 Class 1.0AC Voltage Meter --- YEW
TYPE 2052 Class 1.5Digital Multimeter --- HP (Hewlett Packard)
3465ADigital AC Meter --- YEW
TYPE 2504

ABNORMAL TEST OF MODEL MMC50U-1/MMC50A-1

SHORT TEST RESULT

	Component	Comment	Output Voltage (V)	Input Current (A)
1	C1	Fuse F1 was blown out. No output voltage of all.	5 → 0 +12 → 0 -12 → 0	1.23 → 0
2	C6	Fuse F1 was blown out. No output voltage of all.	5 → 0 +12 → 0 -12 → 0	1.23 → 0
3	D1	Fuse F1 was blown out. D4 was opened. ZD2 was shorted. TR1 was broken down with shorted between D-S. No output voltage of all.	5 → 0 +12 → 0 -12 → 0	1.23 → 0
4	TR1 (D - S)	Fuse F1 was blown out. D4 was shorted. ZD2 was shorted. No output voltage of all.	5 → 0 +12 → 0 -12 → 0	1.23 → 0
5	TR1 (D - G)	Fuse F1 was blown out. D4 was shorted. ZD2 was shorted. No output voltage of all.	5 → 0 +12 → 0 -12 → 0	1.23 → 0
6	D5	Nothing changed.	5 +12 -12	1.23