REVISIONS							
REV	ZONE	ECN NO.	DESCRIPTION	BY	DATE	CKR	APP
A			INITIAL RELEASE	LT	9/03		

NOTES:

1008B QUAD TRIM POWER SUPPLIES

	R8BQT1	R8BQT2	R8BQT3	R8BQT4	
77.0° 44U	4u blank panel	Node Card Address: 9 PS = 12 1u Spacer	tq Ground Current Monitoring Chassis 1u Spacer	4u blank	77.0° 44U
70.0° 40U	Quench Protection QP03 bo7-tq4-qp QPAIC: B1 QPAIC Port: J1A	Quench Protection QP03 bi8-tq4-qp QPAIC: B1 QPAIC Port: J2B	Quench Protection QP03 yi7-tq4-qp QPAIC: B1 QPAIC Port: J5A	Quench Protection QP03 yo8-tq4-qp QPAIC: B1 QPAIC Port: J6B	70.0° 40U
52.5° 30U	B007-QT4 bo7-tq4-ps +/-150A @ +/-15V wfg: cfe-8b-ps1.a0 S = R04-A-J0 I = R04-A-J1 V = R04-A-J2 D = R04-A-J3 IGND = R04-G-J8 Node Card Port: 9-1 R = 9.04 mOhms	BI08-QT4 bi8-tq4-ps +/-150A @ +/-15V wfg: cfe-8b-ps1.b1 S = R04-A-J12 I = R04-A-J13 V = R04-A-J14 D = R04-A-J15 IGND = R04-G-J5 Node Card Port: 9-4 R = 9.35 mOhms	YI07-QT4 yi7-tq4-ps +/-150A @ +/-15V wfg: cfe-8b-ps2.a0 S = R03-A-J0 I = R03-A-J1 V = R03-A-J2 D = R03-A-J3 IGND = R03-H-J8 Node Card Port: 9-7 R = 9.66 mOhms	YO08-QT4 yo8-tq4-ps +/-150A @ +/-15V wfg: cfe-8b-ps2.b1 S = R03-A-J12 I = R03-A-J13 V = R03-A-J14 D = R03-A-J15 IGND = R03-H-J5 Node Card Port: 9-10 R = 9.97 mOhms	52.5° 30U
	Quench Protection QP03 bo7-tq5-qp QPAIC: B1 QPAIC Port: J1B	Quench Protection QP03 bi8-tq5-qp QPAIC: B1 QPAIC Port: J3A	Quench Protection QP03 yi7-tq5-qp QPAIC: B1 QPAIC Port: J5B	Quench Protection QP03 yo8-tq5-qp QPAIC: B1 QPAIC Port: J7A	
35.0° 20U	B007-QT5 bo7-tq5-ps +/-150A @ +/-15V wfg: cfe-8b-ps1.a1 S = R04-A-J4 I = R04-A-J5 V = R04-A-J6 D = R04-A-J7 IGND = R04-G-J9 Node Card Port: 9-2 R = 9.04 mOhms	BI08-QT5 bi8-tq5-ps +/-150A @ +/-15V wfg: cfe-8b-ps1.c0 S = R04-B-J0 I = R04-B-J1 V = R04-B-J2 D = R04-B-J3 IGND = R04-G-J6 Node Card Port: 9-5 R = 9.35 mOhms	YI07-QT5 yi7-tq5-ps +/-150A @ +/-15V wfg: cfe-8b-ps2.a1 S = R03-A-J4 I = R03-A-J5 V = R03-A-J6 D = R03-A-J7 IGND = R03-H-J9 Node Card Port: 9-8 R = 9.66 mOhms	YO08-QT5 yo8-tq5-ps +/-150A @ +/-15V wfg: cfe-8b-ps2.c0 S = R03-B-J0 I = R03-B-J1 V = R03-B-J2 D = R03-B-J3 IGND = R03-H-J6 Node Card Port: 9-11 R = 9.97 mOhms	35.0° 20U
	Quench Protection QP03 bo7-tq6-qp QPAIC: B1 QPAIC Port: J2A	Quench Protection QP03 bi8-tq6-qp QPAIC: B1 QPAIC Port: J3B	Quench Protection QP03 yi7-tq6-qp QPAIC: B1 QPAIC Port: J6A	Quench Protection QP03 yo8-tq6-qp QPAIC: B1 QPAIC Port: J7B	
17.5° 10U	B007-QT6 bo7-tq6-ps +/-150A @ +/-15V wfg: cfe-8b-ps1.b0 S = R04-A-J8 I = R04-A-J9 V = R04-A-J10 D = R04-A-J11 IGND = R04-G-J10 Node Card Port: 9-3 R = 9.04 mOhms	BI08-QT6 bi8-tq6-ps +/-150A @ +/-15V wfg: cfe-8b-ps1.c1 S = R04-B-J4 I = R04-B-J5 V = R04-B-J6 D = R04-B-J7 IGND = R04-G-J7 Node Card Port: 9-6 R = 9.35 mOhms	YI07-QT6 yi7-tq6-ps +/-150A @ +/-15V wfg: cfe-8b-ps2.b0 S = R03-A-J8 I = R03-A-J9 V = R03-A-J10 D = R03-A-J11 IGND = R03-H-J10 Node Card Port: 9-9 R = 9.66 mOhms	YO08-QT6 yo8-tq6-ps +/-150A @ +/-15V wfg: cfe-8b-ps2.c1 S = R03-B-J4 I = R03-B-J5 V = R03-B-J6 D = R03-B-J7 IGND = R03-H-J7 Node Card Port: 9-12 R = 9.97 mOhms	17.5° 10U
	1u Spacer	1u Spacer	1u Spacer	1u Spacer	

USED ON DRAWING NO.	QTY. PER ASS'Y.	OUTSTANDING ECN
APPLICATION		

INTERPRET IN GENERAL ACCORDANCE WITH ASME Y14.24M-1989

UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES
DECIMAL TOLERANCES
.X ± .06
.XX ± .02
.XXX ± .005
ANGULAR TOLERANCE ± 1°

125 FINISH

BREAK SHARP EDGES
MAX. .03 MIN. .015

RHIC

DRAWN BY	L.TADDONIO	9/30/03
DESIGN APPROVAL		12/10/03
CHECKED BY		12/10/03
ENGINEER APPROVAL		12/12/03
SUPERVISOR APPROVAL		12/15/03

COLLIDER-ACCELERATOR DEPARTMENT
BROOKHAVEN NATIONAL LABORATORY
UPTON, N.Y. 11973

TITLE: RHIC 1008B POWER SUPPLIES

SIZE: C
DRAWING NUMBER: 24060036
REV. A
Q.A. CATEGORY A-3
SCALE: 1/1
WEIGHT: –
SHEET 1 OF 6

DWG NO 24060036 SHT 1 OF 6 REV A

AUTOCAD 2000