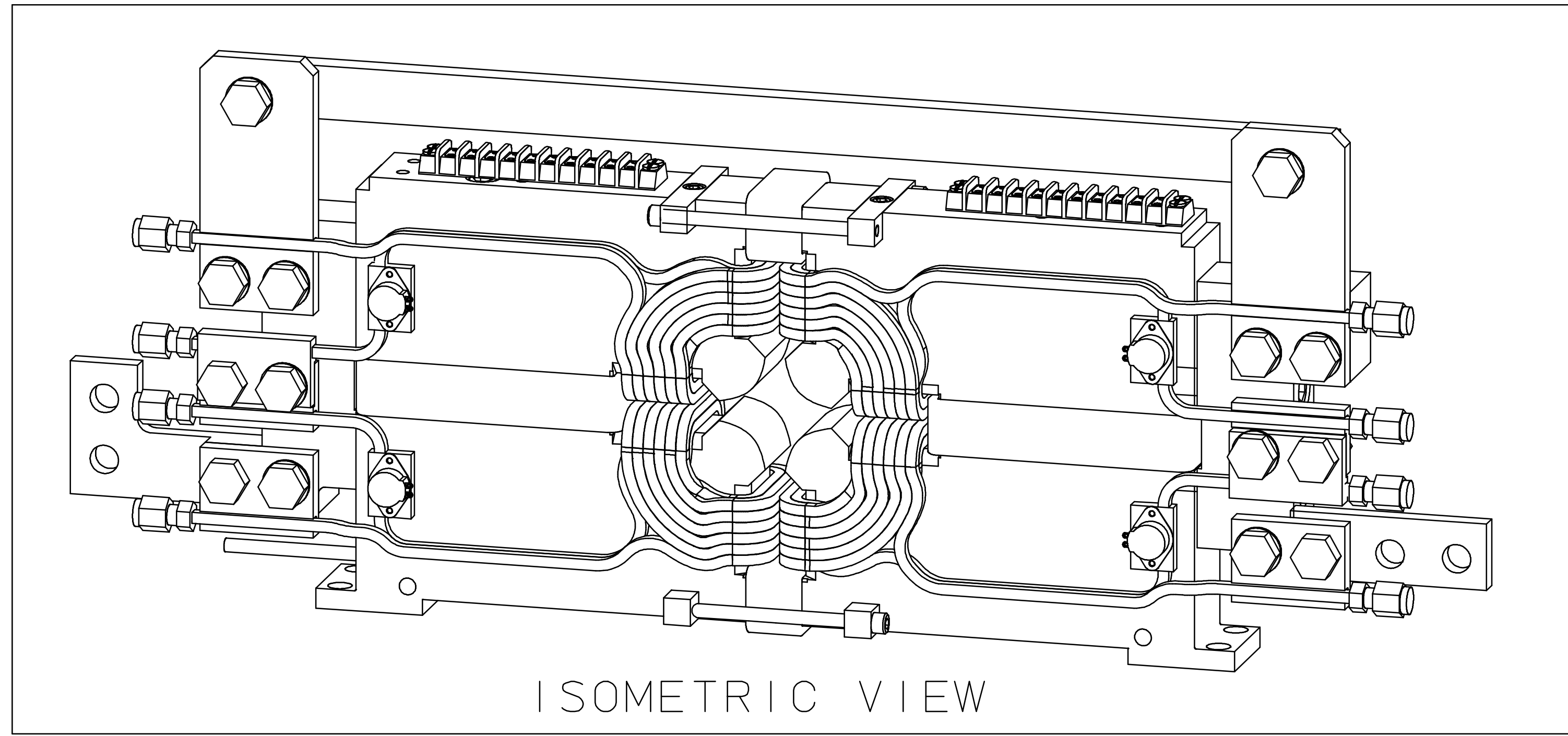
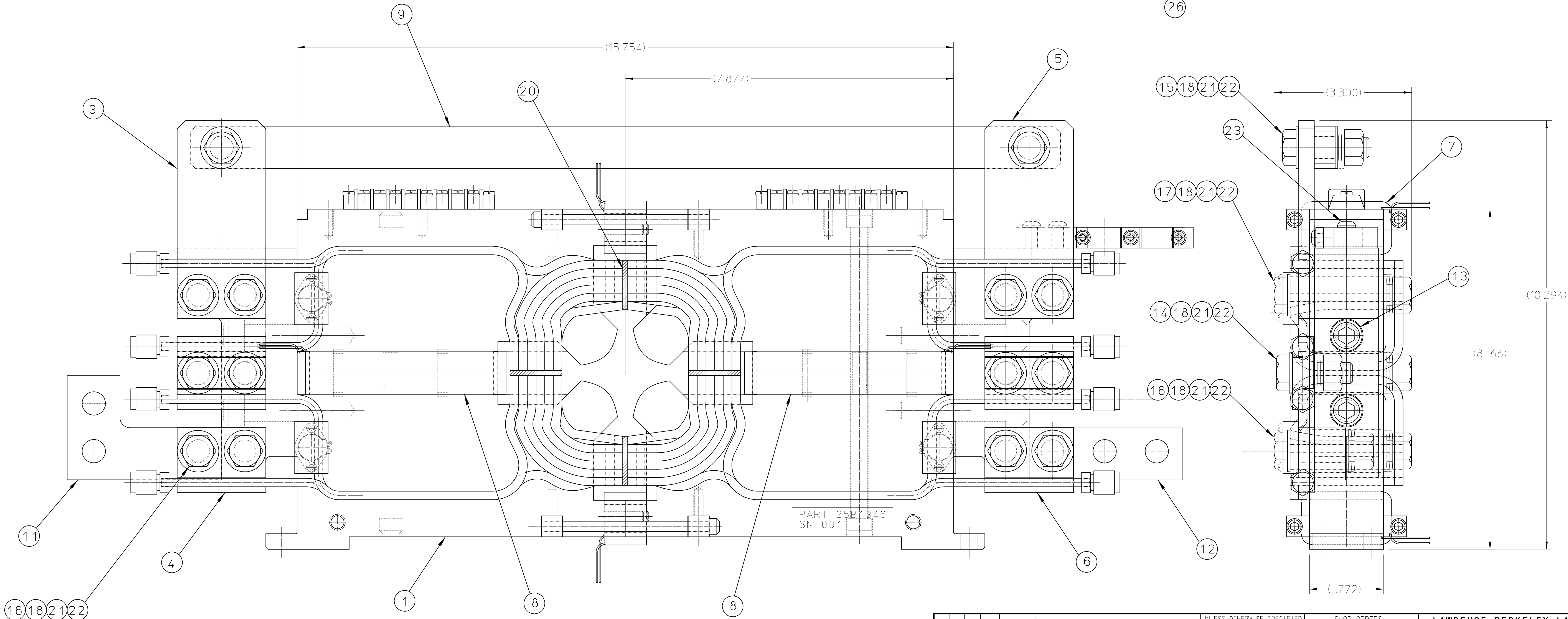
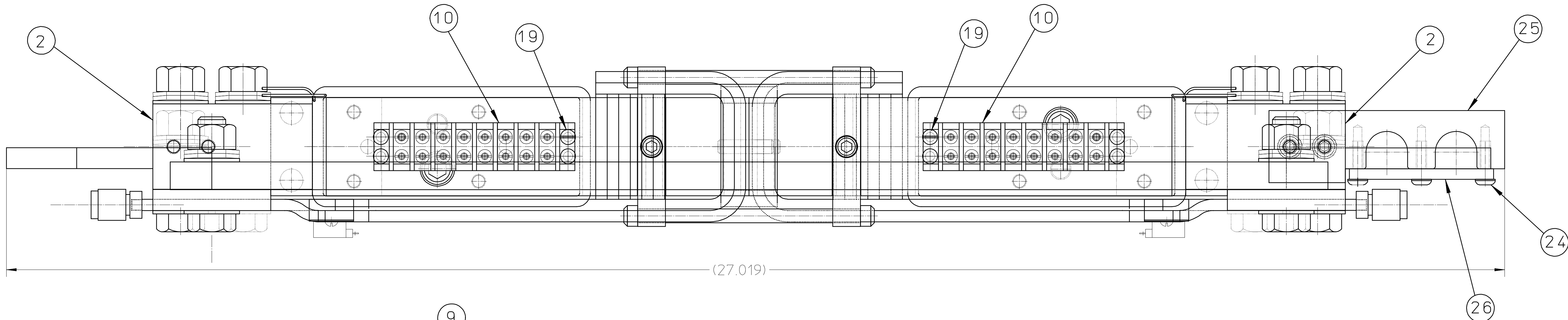




ISOMETRIC VIEW

- NOTES: 1. ALL DIMENSIONS ARE IN INCHES.
2. ESTIMATED WT.: 70 LBS.
3. USE CAUTION WHEN TIGHTENING BOLTS TO AVOID DAMAGING THE DELRIN COMPONENTS.



REV	ITEM	PART NO.	DESCRIPTION
1	1	25B1346	POLE PIECE ASSEMBLY - 32MM APERTURE
2	2	25B1254	INSULATOR BLOCK
1	3	25B1484	UPPER LEFT COIL ASSEMBLY
1	4	25B1504	LOWER LEFT COIL ASSEMBLY
1	5	25B1494	UPPER RIGHT COIL ASSEMBLY
1	6	25B1514	LOWER RIGHT COIL ASSEMBLY
2	7	25B1464	VERTICAL STEERING COIL
2	8	25B1474	HORIZONTAL STEERING COIL
1	9	25B1414	JUMPER BAR
2	10		TERMINAL BLOCK, KULKA 600A SERIES, STK. #87F5241
1	11	25B1424	L-SHAPED BUS BAR
1	12	25B1434	STRAIGHT BUS BAR
4	13		SCREW, SOC. HD., 1/2-13UNC-2A X 2.25" LONG, SST.
2	14		SCREW, HEX. HD., 1/2-13UNC-2A X 1.50" L., 18-8 SST.
2	15		SCREW, HEX. HD., 1/2-13UNC-2A X 1.75" L., 18-8 SST.
2	16		SCREW, HEX. HD., 1/2-13UNC-2A X 2.00" L., 18-8 SST.
8	17		SCREW, HEX. HD., 1/2-13UNC-2A X 3.00" L., 18-8 SST.
28	18		WASHER, PLAIN, TYPE B, 1/2, 1.00" O.D., SST.
8	19		SCREW, PAN HD., 6-32UNC-2A X .625" L., SST.
A/R	20		RUBBER SHEET, NEOPRENE OR EQUIVALENT
28	21		WASHER, BELLEVILLE, 1.000 OD X .505 ID, .073 THICK
			18-8 STAINLESS STEEL, MASTER CARR #9713 K77
14	22		NUT, HEX, 1/2-13UNC-2B, SST.
2	23		SCREW, BUT. HD., 1/4-20UNC-2A X .875" L., 18-8 SST.
3	24		SCREW, BUT. HD., 10-24UNC-2A X .625" L., 18-8 SST.
1	25	25B1554	POWER CABLE BRACKET
1	26	25B1564	CABLE BRACKET STRAP

				UNLESS OTHERWISE SPECIFIED				SHOP ORDERS				LAWRENCE BERKELEY LABORATORY													
D	PL	PL	05-31-02	"APERTURE" WAS "APERATURE" IN DRAWING TITLE AND ITEM 1 DESCRIPTION				X ± .02		FRAC. ± 1/64		ACCT. NO.		SERIAL NO.		UNIVERSITY OF CALIFORNIA-BERKELEY									
C1	YM	D2	3-16-00	SCREWS WERE 1/2-20 UNF-2A.				XX ± .02		ANGLES ± 1°		DATE USED		DATE REQD		NO REQD		SNS - FE MEBT							
B1	YM		3-2-00	CHANGED CHAMFER SIZE AND REDUCED BELLEVILLE WASHER QUANTITY				XXX ± .005		FINISH 125/7		DELIVER TO						QUADRUPOLE MAGNET							
				THREADS ARE CLASS 2								SURFACE TREATMENT		DEGREASE				32MM APERTURE QUADRUPOLE WITH STEERING							
A2	YM	C2	2-1-00	ADDED ITEMS 23, 24, 25 & 26.								IDENTIFY TAG		PATENT CLEAR		DWS. TYPE		SHOWN ON SCALE FULL DO NOT SCALE							
A1	YM	D2	2-1-00	WAS PART NO 25B1524								DWS. Y. MINAMIHARA		DATE 15-99		ASSEMBLY		8210-23							
REV	DWG	CHK	ZONE	DATE CHANGES								DATE		MICROFILMED		CUSTOMER NO		CATEGORY CODE		DWS. NO		SIZE		REV	
																		FE3312		25B1576		D			