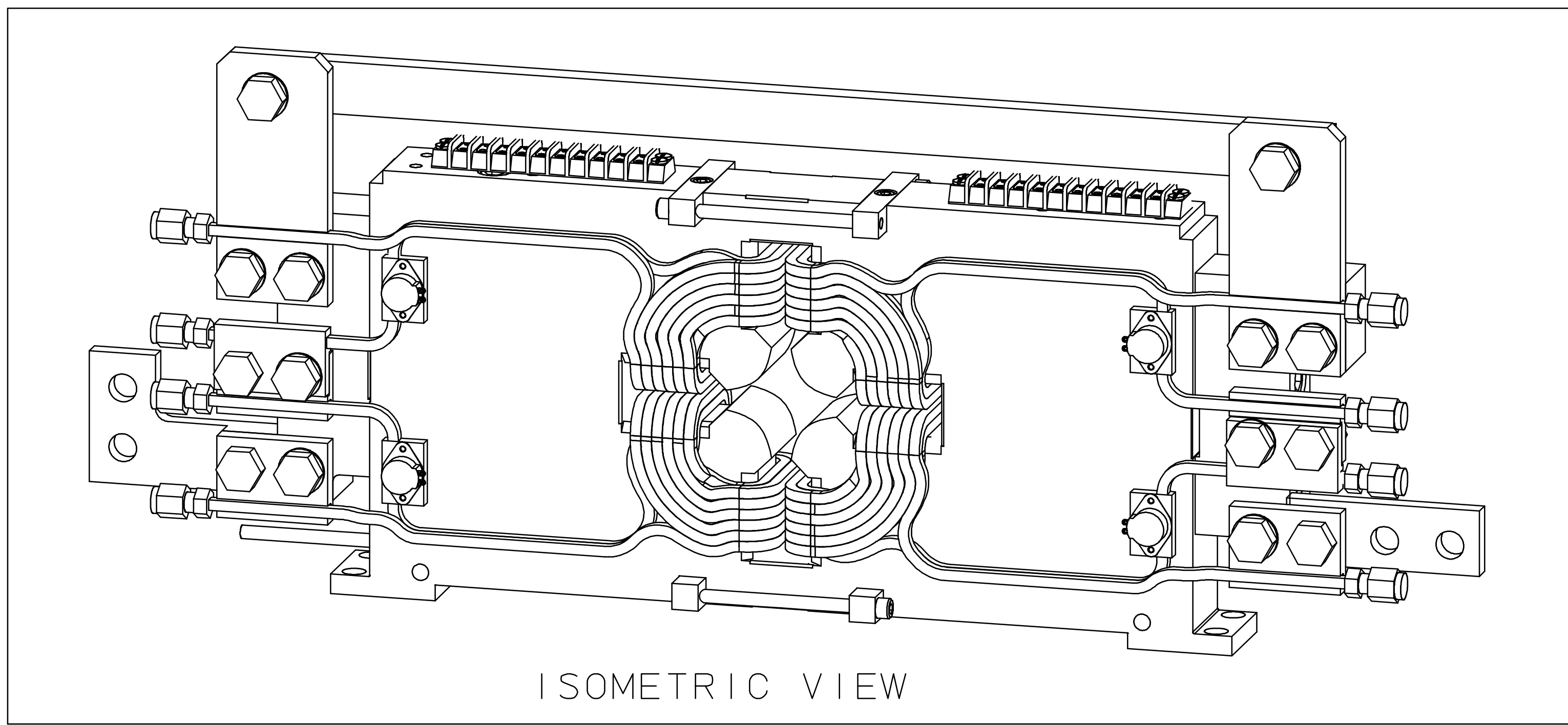
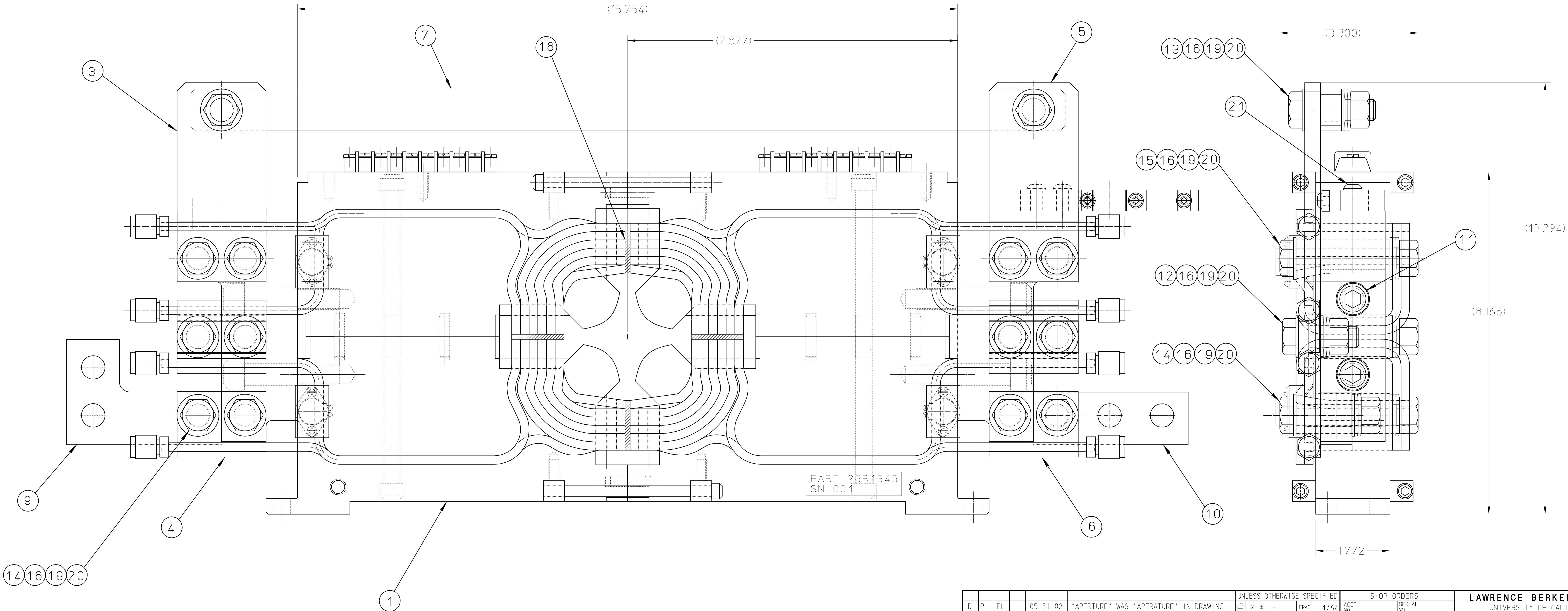
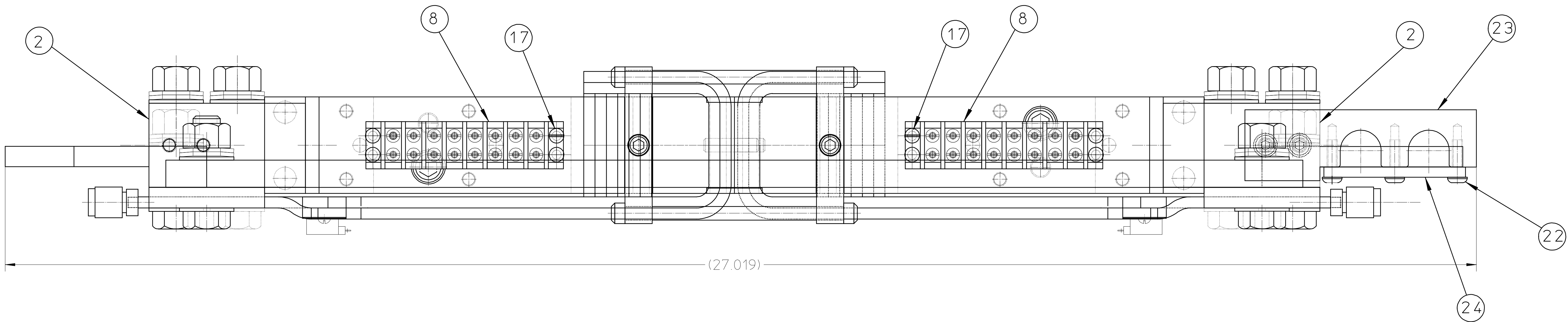




ISOMETRIC VIEW

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

REQD	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
1	7	25B1414	JUMPER BAR
2	8		TERMINAL BLOCK, KULKA 600A SERIES, STK. #87F5241
1	9	25B1424	L-SHAPED BUS BAR
1	10	25B1434	STRAIGHT BUS BAR
4	11		SCREW, SOC. HD., 1/2-13UNC-2A X 2.25" LONG, SST.
2	12		SCREW, HEX. HD., 1/2-13UNC-2A X 1.50" L., 18-8 SST.
2	13		SCREW, HEX. HD., 1/2-13UNC-2A X 1.75" L., 18-8 SST.
2	14		SCREW, HEX. HD., 1/2-13UNC-2A X 2.00" L., 18-8 SST.
8	15		SCREW, HEX. HD., 1/2-13UNC-2A X 3.00" L., 18-8 SST.
28	16		WASHER, PLAIN, TYPE B, 1/2, 1.00" O.D., SST.
8	17		SCREW, PAN HD., 6-32UNC-2A X .625" L., SST.
A/R	18		RUBBER SHEET, NEOPRENE OR EQUIVALENT
28	19		WASHER, BELLEVILLE, 1.000 OD X .505 ID, .073 THICK 18-8 STAINLESS STEEL, MASTER CARR #9713 K77
14	20		NUT, HEX, 1/2-13UNC-2B, SST
2	21		SCREW, BUT. HD., 1/4-20UNC-2A X .875" L., 18-8 SST.
3	22		SCREW, BUT. HD., 10-24UNC-2A X .625" L., 18-8 SST.
1	23	25B1554	POWER CABLE BRACKET
1	24	25B1564	CABLE BRACKET STRAP



PART 25B1346
SN 001

				UNLESS OTHERWISE SPECIFIED				SHOP ORDERS				LAWRENCE BERKELEY LABORATORY						
D	PL	PL	05-31-02	"APERTURE" WAS "APERATURE" IN DRAWING TITLE AND ITEM 1 DESCRIPTION				TOLERANCES		ACC. NO.		SERIAL NO.		UNIVERSITY OF CALIFORNIA-BERKELEY				
D2	YM	D2	3-16-00	SCREWS WERE 1/2-20 UNF-2A.				XX ± .02		ANGLES ± 1°		DATE ISSUED		DATE REQD		SNS - FE MEBT		
B1	YM		3-2-00	CHANGED CHAMFER SIZE, REMOVED COIL & REDUCED BELLEVILLE WASHER QUANTITY				XXX ± .005		FINISH 125/1		DELIVER TO		NO REQD		QUADRUPOLE MAGNET		
A2	YM	C2	2-1-00	ADDED ITEMS 21, 22, 23, & 24				THREADS ARE CLASS 2				CHAMFER ENDS 1/16" DIA		THREADS 30°		32MM APERTURE QUADRUPOLE W/O STEERING		
A1	YM	D2	2-1-00	WAS PART PART NO 25B1524				CUT 1/8" THRO LIFT WITH HAND WISE TOOL ON MACHINE CUT. THREADS				REMOVE BURRS		REMOVE BURRS		REMOVE BURRS		
REV	DWG	CHK	ZONE	DATE	CHANGES				REFERENCES: ANI 114.5 & B46.1.				DATE		DATE		DATE	
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