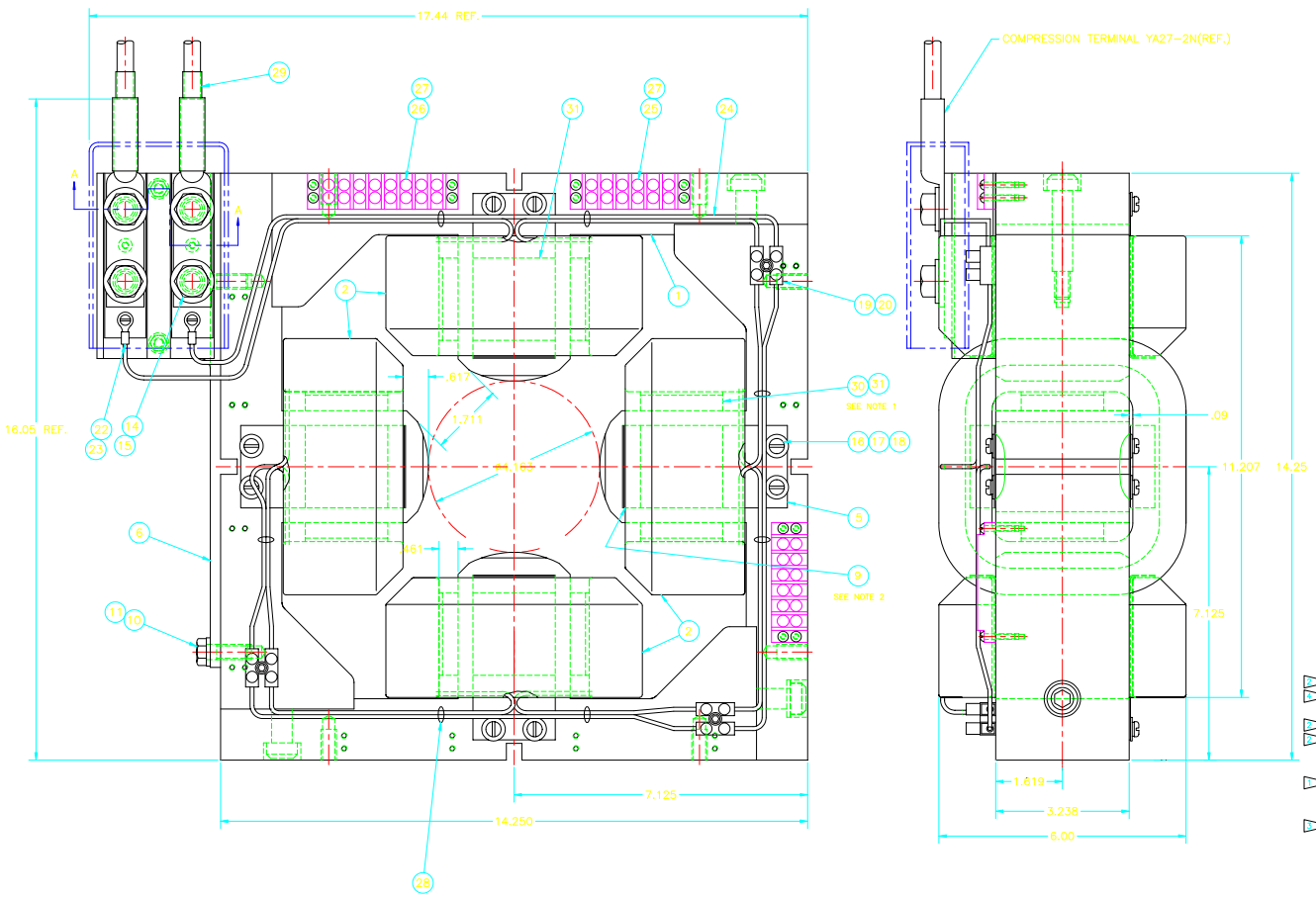
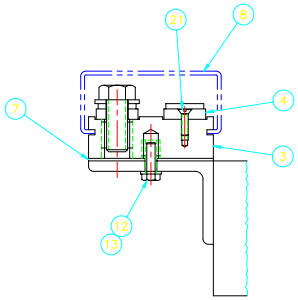
(E)	PLOT SCALE: 1=1.0	DWG. SCALE: 1.0	X





ITEM	DWG/PART NUMBER	NOMENCLATURE OR DESCRIPTION	MATERIAL / SPEC	QTY
31	.060,.030,.010	SHIM PACK-2" X 2" X .100 THICK	G-10 FIBERGLASS	16
30	.38 X 2.0 X 2.0 LG.	SPACER	G-10 FIBERGLASS	8
29	9ON7272	SHRINK TUBING 1" I.D. X 2.5 LG.	FPF FLAME RETARDED	2
28	PLTIN-C76	TIE WRAP	TEFZEL	7
27	#6-32 UNC-2A X .75 LG.	RD HD SCREW	BRASS/NICKEL PLATE	12
26	87F5254	TERMINAL BLOCK	G.P. PHENOLIC	1
25	87F5253	TERMINAL BLOCK	G.P. PHENOLIC	2
24		#12 GA. WIRE (COIL CONDUCTOR)		48"
23	#6-32 UNC-2A X .25 LG.	ROUND HEAD SCREW	BRASS/NICKEL PLATE	2
22	CB8001-ND	CRIMP TERMINAL	BRASS/NICKEL PLATE	2
21	#6-32 UNC-2A X .63 LG.	FLAT HEAD SCREW	STAINLESS STEEL	2
20	#10-32 UNF-2A X .75 LG.	SOCKET HEAD CAPSCREW	STAINLESS STEEL	3
19	502-1444	EUROSTRIP-1 MAKES 2 TERMINAL POLES	POLYAMIDE	3
18		#10 FLATWASHER	STAINLESS STEEL	16
17		#10 LOCKWASHER	STAINLESS STEEL	16
16	#10-32 UNC-2A X .38 LG.	PANHEAD SCREW-CHROME PLATED	BRASS	16
15	.500-13 UNC-2A X 1.25 LG.	CAPSCREW	STAINLESS STEEL	4
14		#.5 SAE FLAT WASHER	STAINLESS STEEL	4
13	.250-20 UNC-2A X .75 LG.	CAPSCREW	STAINLESS STEEL	2
12		#.25 LOCKWASHER	STAINLESS STEEL	2
11	.375-16 UNC-2A X 1.00 LG.	CAPSCREW	STAINLESS STEEL	2
10		#.38 LOCKWASHER	STAINLESS STEEL	2
09	.03 X .5 X 2.0	SHIM	G-10 FIBERGLASS	8
08	31010204-100004	COVER	SEE DETAIL	1
07	31010204-100003	INSULATOR	SEE DETAIL	1
06	31010204-100002	TERMINAL BLOCK BRACKET	SEE DETAIL	1
05	3101020 4-100001	COIL SUPPORT BRACKET	SEE DETAIL	8
04	31010204-00006	CONDUCTOR FLAG	SEE DETAIL	2
03	31010204-00005	TERMINAL BLOCK ASSEMBLY	SEE DETAIL	1
02	31010204-00003	COIL ASSEMBLY	SEE DETAIL	4
01	31010204-0001	POLE CORE SEGMENT ASSEMBLY	SEE DETAIL	4

PARTS LIST

NOTES:

1. SHIM COILS IN PLACE USING G-10 SHIMS AND SPACERS, EQUAL AMOUNTS OF G-10 ON ALL FOUR SIDES OF POLE TO CENTRALLY LOCATE COILS ON POLES.
2. GLUE ITEM 9 ONTO ITEM 5 USING SICOMET INDUSTRIAL ADHESIVE.

▷ SOURCE: OR EQUAL
DIGI-KEY CORPORATION
701 BROOKS AVE. SOUTH P.O. BOX 677
THIEF RIVER FALLS, MN 56701-0677
1-800-344-4539

▷ SOURCE: OR EQUAL
NEWARK ELECTRONICS
2121 W ARMY TRAIL RD
ADDISON, ILL. 60101
708-495-7740

▷ SOURCE: OR EQUAL
ALLIED ELECTRONICS
1580 S. MILWAUKEE AVE.
LIBERTYVILLE,ILL.
708-918-0250

▷ SOURCE: OR EQUAL
PANDUIT CORP.
17301 RIDGELAND AVE.
TINLY PARK, ILL. 60477
708-532-1800

REV	CHANGE DESCRIPTION	BY	CHKD	DATE
01	SEE DCN 930610-01	AEN		

UNLESS OTHERWISE SPECIFIED ALL DIMENSIONS ARE IN INCHES
TOLERANCES
DECIMALS ANGLES
X ±.06 ±.00
.XX ±.030
.XXX ±.005
SURFACE ROUGHNESS 125
MATERIAL SHALL BE FREE FROM SCALE, RUST, ETC.
SHARP EDGES TO BE BROKEN UNLESS OTHERWISE SPECIFIED
DIMENSIONS ARE FOR FINISHED PART

DRAW NUMBER A11401

ARGONNE NATIONAL LABORATORY

DRAWN BY A. OBERFELD 7/8/92
ENGINEER IN CHARGE J. HUMBERT 7/8/92
DESIGNER A. OBERFELD 7/8/92
RESPONSIBLE ENGINEER
PROJECT MGR.
APPROVED/RELEASE
DATE
DATE
DATE

TITLE ADVANCED PHOTON SOURCE
STORAGE RING
TECHNICAL COMPONENT
SKEW QUADRUPOLE
MAGNET ASSEMBLY

MATERIAL SEE PARTS LIST
SCALE 1:1
SHEET 1 of 1
SIZE E
REVISED NUMBER
31010204-00012-01