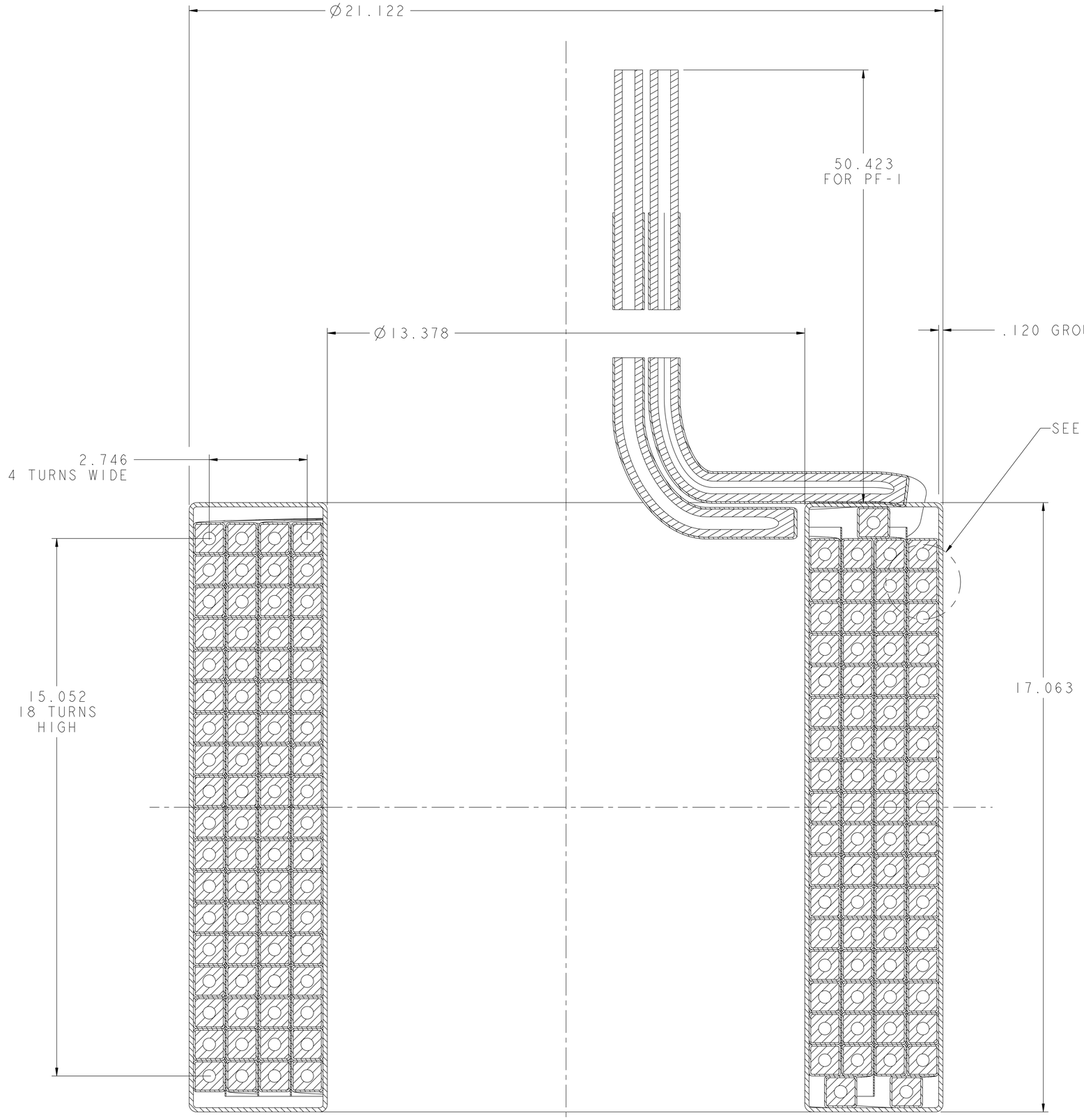
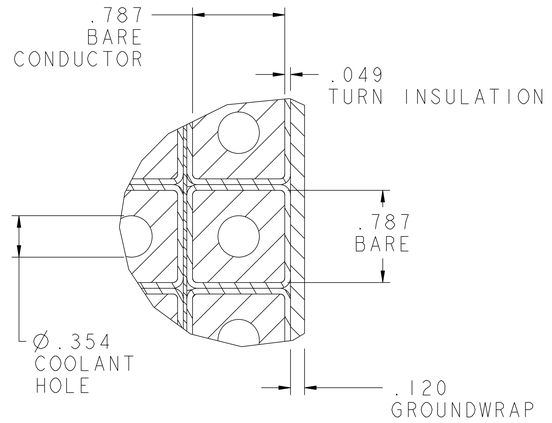
NO.	REVISION	BY	CH	SUP	APPROVED	DATE



SECTION A-A
SCALE 0.875



DETAIL "Z"
SCALE 2.000

NOTE

1. COPPER TO BE OFHC CDA 104, CDA 105, OR CDA 107 SILVER BEARING

PF-1 COIL SHOWN
TYPICAL FOR PF COILS #2 & #3
EXCEPT FOR LEAD LENGTHS

6 ASSEMBLIES REQ'D

(2) PF-1
(2) PF-2
(2) PF-3

PART NO.	DRAWING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	QTY REQD
7	SE132-011	PF-1 INSULATED LEADS	OFHC COPPER/TAPE	1
6	SE132-014	PF-1 WINDING TURNS (BARE)	OFHC COPPER	1
5	SE132-019	PF-1, 2 & 3 COILS GROUNDWRAPPING	KAPTON/DRY GLASS TAPE	1
4	SE132-015	PF-1, 2 & 3 WINDING INSULATION	KAPTON/DRY GLASS TAPE	1
3	SE132-018	PF-1, 2 & 3 PANCAKE INSULATION TURNS 3 & 4	G-10	1
2	SE132-017	PF-1, 2 & 3 PANCAKE INSULATION TURNS 2 & 3	G-10	1
1	SE132-016	PF-1, 2 & 3 PANCAKE INSULATION TURNS 1 & 2	G-10	1

PARTS LIST

NCSX-SE132-010

COMPUTER GENERATED DRAWING MANUAL CHANGES NOT PERMITTED	CENTRAL FILES: UNLESS OTHERWISE SPECIFIED	PRINCETON PLASMA PHYSICS LABORATORY PRINCETON UNIVERSITY NATIONAL COMPACT STELLARATOR EXPERIMENT
Pro E	DIMENSIONS ARE IN INCHES MACHINE SURFACES 63	STELLARATOR CORE CONVENTIONAL COILS PF-1 COIL ASSEMBLY
DO NOT VERIFY INFORMATION BY SCALING DRAWING	BREAK SHARP EDGES .005/.020	
NEXT ASSEMBLY	TOLERANCES NON-CUMULATIVE DECIMAL-INCH: .X +/-.100; .XX +/-.030; .XXX +/-.005; ANGULAR +/-0°-15' FRACTIONS: 0"-12" +/-1/16; 12"-72" +/-1/8; 72"-120" +/-1/4; OVER 120" +/-1/2	DSN: J. RUSHINSKI CHK: ENGR: SUPV:
		DRAWING NO: SE132-010 SHEET 1 OF 1 REV

WEIGHT	39.9 lbs
MODEL NAME	SE132-010
WELDING ENGINEER	

RELEASE LEVEL:	WIP
DWG VERSION NO:	

NCSX_ASSY_FORMAT_E