



DETAIL "Z"
SCALE 2.000

2.746
4 TURNS WIDE

15.052
18 TURNS HIGH

.120 GROUNDWRAP

SEE DETAIL "Z"

17.063

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 RECD
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

SECTION A-A
SCALE 0.875

RELEASE LEVEL: WIP
DWG VERSION NO:

WEIGHT
39.9 lbs

MODEL NAME
SE132-010

WELDING ENGINEER

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

NCSX-SE132-010