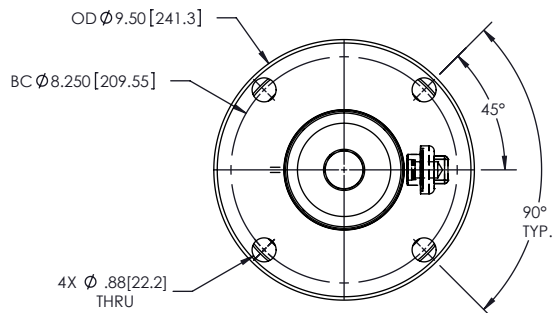
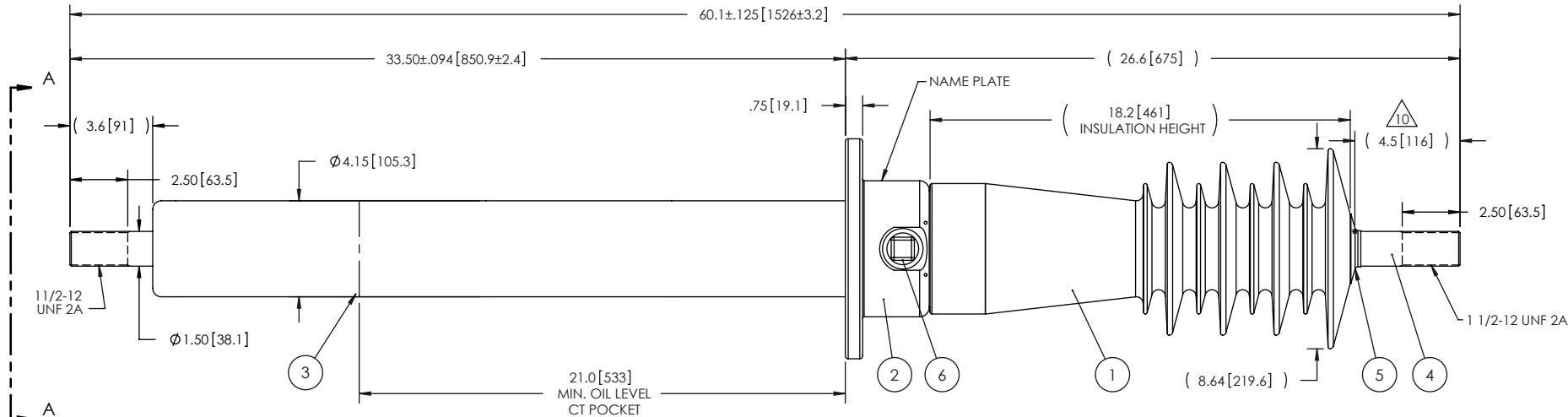


- NOTES:
- 1 CREEPAGE DISTANCE: 38.3" / 973mm
 - 2 ARC DISTANCE: 20.5" / 521mm
 - 3 NOMINAL VOLTAGE: 46kV
 - 4 NOMINAL CURRENT: 2000A
 - 5 WITHSTAND VOLTAGE AT 60 sec.: 105kV
 - 6 B.I.L. : 250kV
 - 7 APPLICATION STANDARD: IEEE C57.19.01
 - 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 40 lbf.ft/ 54.2N.m
 - 9 WEIGHT: 91 lbs / 41.3 Kg
 - 10 SILVER PLATED TOP END, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N, NO NICKEL LAYER, FROM 13 TO 20 MICROMETERS THICKNESS

REVISIONS					
ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.



SECTION A-A

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ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-1001-0007		CAP	COPPER
4	1	S-7073-6666		ROD ASSEMBLY	COPPER
3	1	S-4396-3573		SHEILD ASSEMBLY	COPPER
2	1	S-5280-4890		FLANGE	ALUMINUM
1	1	S-7073-6665	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-02

PARTS LIST

GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)

X.	±0.125
.X	±0.094
.XX	±0.063
.XXX	±0.010
ANGLES	±0.25°
RADIUS	±0.031

REMOVE BURRS AND BREAK SHARP EDGES

DIMENSIONS ARE IN INCHES (UNLESS OTHERWISE SPECIFIED)

REPLACE:

DRAWN BY: J.N.PILOTTE DATE: 2011/07/07

CHECK BY:

PROJECT ENG.:

PROJECT MANAGER:

Electro Composites
solid HV bushings solution

TITLE:
BUSHING 46kV, 2000A
MODEL: 250-020-T-245-03

FORMAT	CAGE CODE	DRAWING NO.	REVISION
A		S-7073-6665	NR

SCALE	GENERATED BY:	SHEET
1:7	SolidWorks 2009	1 of 1