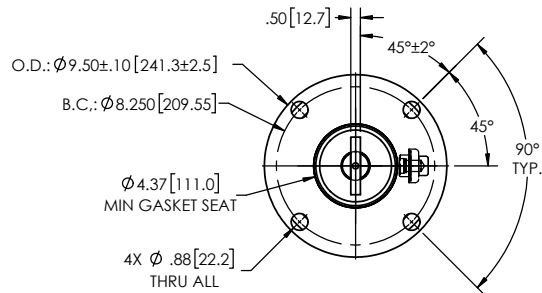
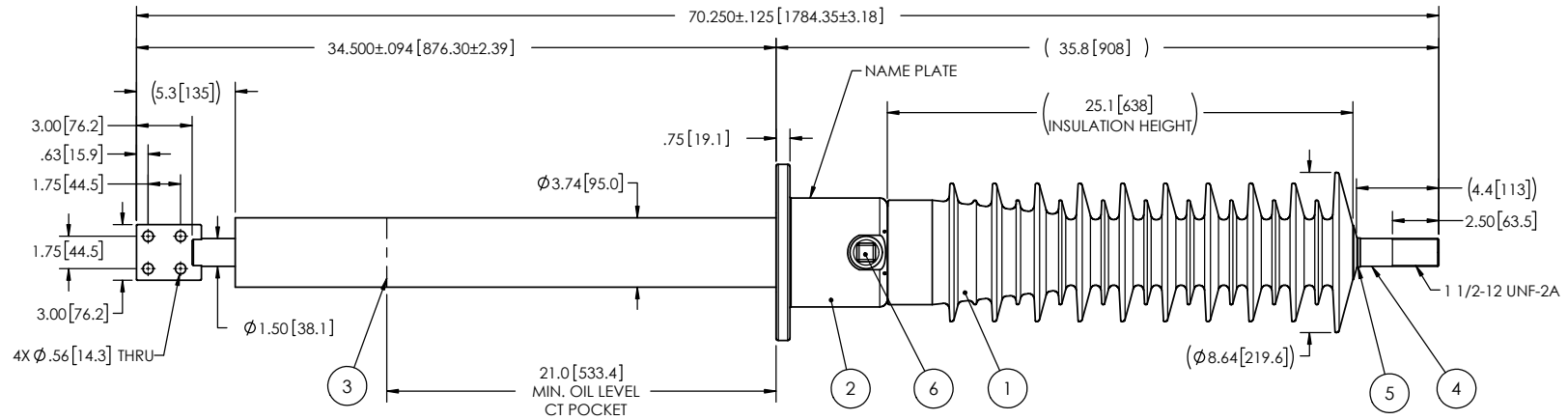


NOTES:

- 1 CREEPAGE DISTANCE: 66.2" / 1683mm
- 2 ARC DISTANCE: 27.4" / 698mm
- 3 NOMINAL VOLTAGE: 46kV
- 4 NOMINAL CURRENT: 1400A
- 5 VOLTAGE WITHSTAND, 60 sec.: 105kV
- 6 B.I.L.: 250kV
- 7 ROUTINE TEST ACCORDING TO: IEEE C57.19.01
- 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 40 lbf·ft / 54.2 N·m
- 9 WEIGHT: 104 lb / 47.2 kg
- 10 INSULATION THERMAL LIMIT: 130°C. BUSHING RATED PER IEEE C57.19.00 USUAL SERVICE CONDITIONS. (B)

REVISIONS					
ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
C3, F5	A	ADD SHEDS AND INCREASE CREEPAGE DISTANCE ACCORDINGLY	M. FORGET	2021-10-28	J.V.
E4	B	NOTE #10 UPDATED	M. FORGET	2022-05-31	J.V.



VIEW 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-4765-9552		ROD ASSEMBLY	COPPER
3	1	S-4765-9551		SHIELD ASSEMBLY	COPPER
2	1	S-4765-9550		FLANGE	ALUMINUM
1	1	S-4765-9549	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-15NA

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)

DRAWN BY: A.SAVARD DATE: 2017/12/12

CHECK BY:

PROJECT MGR.:

**Electro Composites™**  
**solid HV bushings solution**

TITLE: SDC® BUSHING 46kV, 1400A  
 MODEL: 250-014-T-1012-00

FORMAT: A	CAGE CODE	DRAWING NO.: S-4765-9549	REVISION: B
SCALE: 1:10	GENERATED BY: SolidWorks 2021	SHEET: 1 of 1	