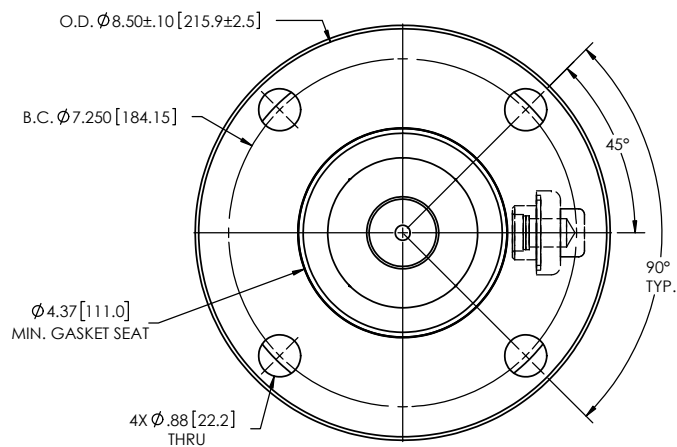
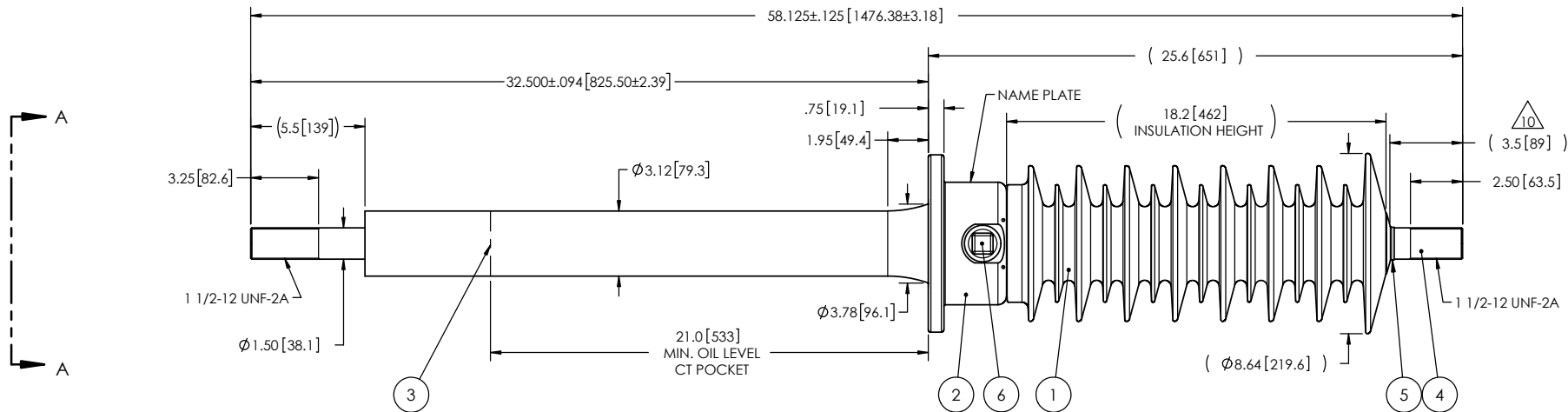


- NOTES:
- 1 CREEPAGE DISTANCE: 54.8" / 1392mm
 - 2 ARC DISTANCE: 20.7" / 526mm
 - 3 NOMINAL VOLTAGE: 34.5kV
 - 4 NOMINAL CURRENT: 2350A
 - 5 VOLTAGE WITHSTAND, 60 sec.: 80 kV
 - 6 BIL : 200kV
 - 7 ROUTINE TEST ACCORDING TO: IEEE C57.19.01
 - 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 40 lbf·ft / 54.2 N·m
 - 9 WEIGHT: 74 lb / 33.6 kg

10 SILVER PLATED, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N, NO NICKEL LAYER, FROM 13 TO 20 MICROMETERS THICKNESS

- 11 BUSHING NOT SUITABLE FOR ENCLOSED APPLICATIONS.
- 12 INSULATION THERMAL LIMIT: 130°C. BUSHING RATED PER IEEE C57.19.00 USUAL SERVICE CONDITIONS.

REVISIONS					
ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
C6 F5 E5	A	INCREASE THE TOLERANCES ON THE FLANGE OUTSIDE DIAMETER. "APPLICATION STANDARD" BECOME "ROUTINE TEST ACCORDING TO" ADD THE NOTE #12: MAXIMUM OPERATING TEMPERATURE.	J. CLICHE	2017-05-23	Y. V.
E4	B	UPDATE NOTE #12 ABOUT INSULATION THERMAL LIMIT	M. FORGET	2021-12-06	Y.V.
B4	C	CHANGE S-4894-4272 BY STANDARD FLANGE S-5408-5057	M. FORGET	2022-08-23	Y.V.



VIEW A-A
SCALE 1 : 4

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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-3691-8693		ROD ASSEMBLY	COPPER
3	1	S-7485-6999		SHIELD ASSEMBLY	COPPER
2	1	S-5408-5057		FLANGE	ALUMINUM
1	1	S-3691-8692	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-15NA

PARTS LIST

GENERAL TOLERANCES
(UNLESS OTHERWISE SPECIFIED)

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

REMOVE BURRS AND
BREAK SHARP EDGES

DIMENSIONS ARE IN
INCHES

(UNLESS OTHERWISE SPECIFIED)

DRAWN BY: J. CLICHE	DATE: 2015/01/13
CHECK BY:	
PROJECT ENG.:	
PROJECT MANAGER:	

Electro Composites
solid HV bushings solution

TITLE:
SDC® BUSHING 34.5kV 2350A
MODEL 200-023-T-686-02

FORMAT A	CAGE CODE	DRAWING NO. S-3691-8692	REVISION C
SCALE 1:8	GENERATED BY: SolidWorks 2021	SHEET 1 of 1	