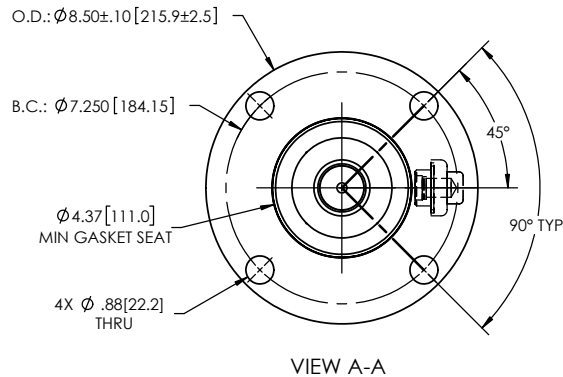
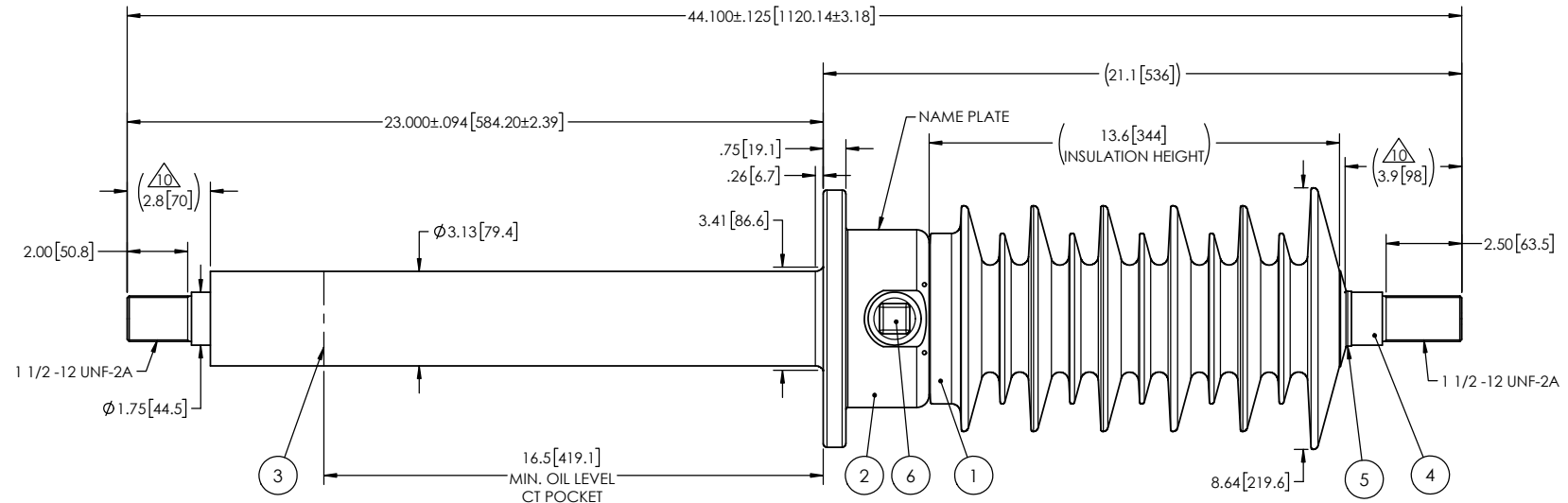


NOTES:

- 1 CREEPAGE DISTANCE: 40.4" / 1027mm
- 2 ARC DISTANCE: 16.2" / 413 mm
- 3 NOMINAL VOLTAGE: 25kV
- 4 NOMINAL CURRENT: 2700A
- 5 VOLTAGE WITHSTAND, 60 sec.: 60kV
- 6 BIL : 150kV
- 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: 66 lb / 29.9 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 APPLICATION.
- 12 INSULATION THERMAL LIMIT: 130°C. BUSHING RATED PER IEEE C57.19.00 USUAL SERVICE CONDITIONS. (A)

REVISIONS

ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
E4	A	UPDATE NOTE #12 ABOUT INSULATION THERMAL LIMIT	M. FORGET	2021-11-30	Y.V.



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6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-1600-0587-0		CAP	COPPER
4	1	S-1161-10215		ROD ASSEMBLY	COPPER
3	1	S-3843-8225		SHIELD ASSEMBLY	COPPER
2	1	S-4894-4272		FLANGE	ALUMINUM
1	1	S-1161-10214	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-15NA
ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L

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: M. FORGET	DATE: 2020/10/30
CHECK BY:	
PROJECT ENG.:	
PROJECT MANAGER:	

Electro Composites™
solid HV bushings solution

TITLE:
SDC® BUSHING , 25kV, 2700A
MODEL: 150-027-T-852-02

FORMAT	CAGE CODE	DRAWING NO.	REVISION
A		S-1161-10214	A
SCALE 1:6	GENERATED BY: SolidWorks 2021	SHEET 1 of 1	