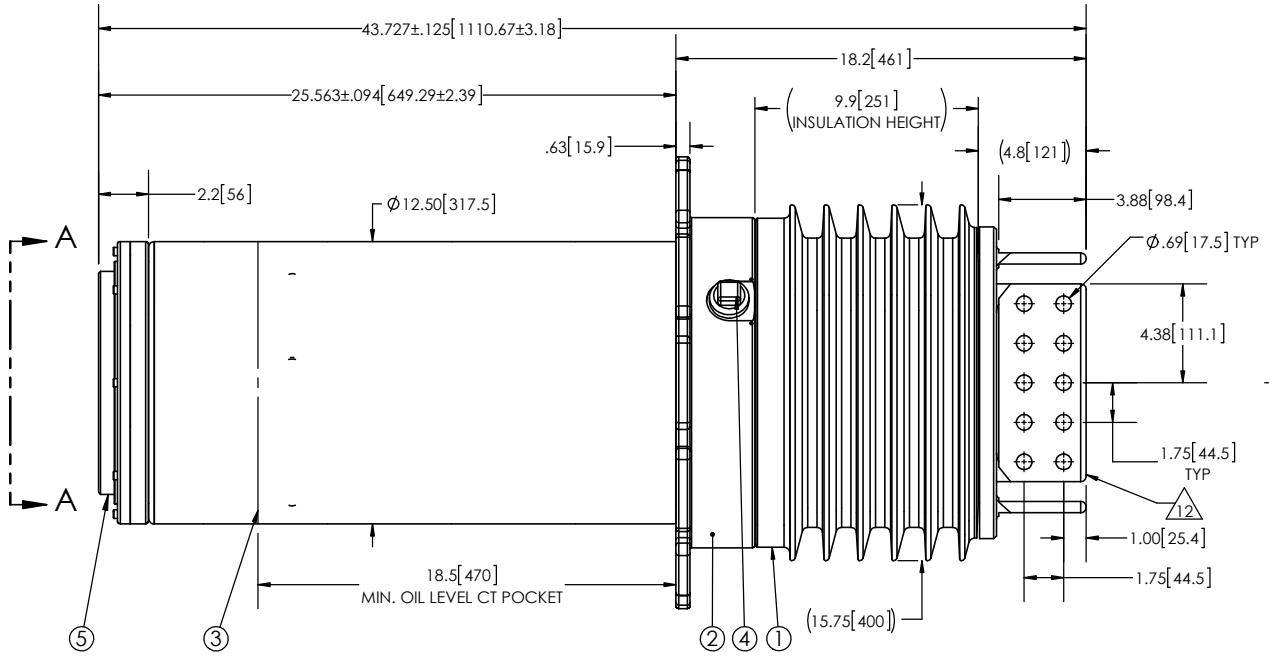
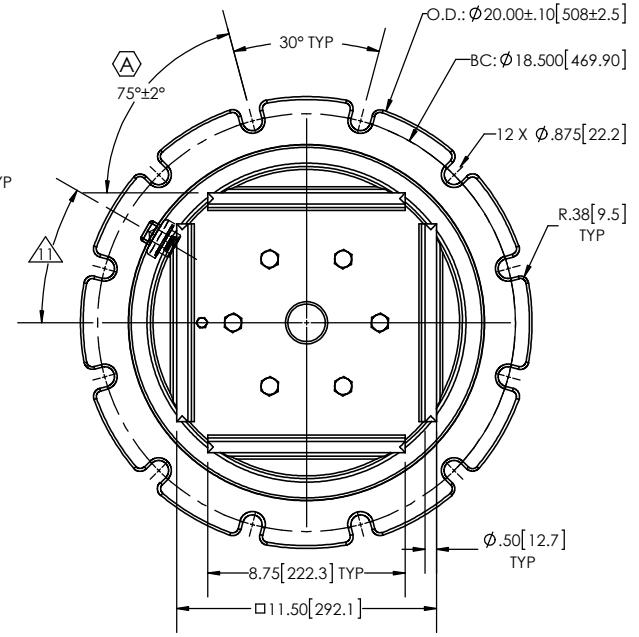
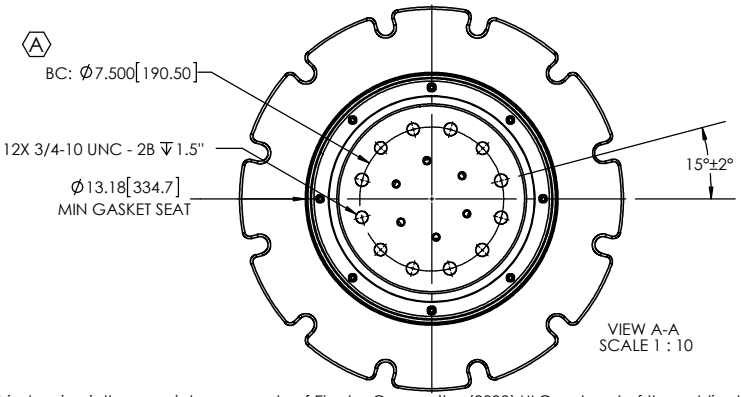
NOTES:
1. CREEPAGE DISTANCE: 22.7" / 577mm
2. ARC DISTANCE: 10.5" / 267mm
3. NOMINAL VOLTAGE: 25kV
4. NOMINAL CURRENT: 14,000A
5. VOLTAGE WITHSTAND, 60 sec.: 60kV
6. BIL : 150kV
7. ROUTINE TEST ACCORDING TO: IEEE C57.19.01
8. MAX. TORQUE APPLIED ON FLANGE BOLTS: 70 lbf·ft / 94.9 N·m
9. WEIGHT: 423 lb / 191.9 Kg
10. MAXIMUM OPERATING TEMPERATURE: UP TO 130°C (266°F)
11. CAPACITANCE TAP ORIENTATION CAN BE DIFFERENT FROM THE DRAWING.
12. SILVER PLATED, 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.
E2 B6	A	ROTATE TUBE ASSEMBLY BY 15° B.C. CHANGE FROM 7.250" TO 7.500"	M. FORGET	2018-10-02	Y.V.







ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
5	1	S-1769-9591		TUBE ASSEMBLY	COPPER
4	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
3	1	S-1769-9590		SHIELD ASSEMBLY	BRASS
2	1	S-5955-5589		FLANGE	ALUMINIUM
1	1	S-1769-9584	-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	±0.1°
RADIUS	±0.031

REMOVE BURRS AND BREAK SHARP EDGES

DIMENSIONS ARE IN INCHES (UNLESS OTHERWISE SPECIFIED)

DRAWN BY: J.N.PILOTTE DATE: 2018/01/25
CHECK BY: J. Vennette ing. 2019/03/22
PROJECT MANAGER:

ElectroComposites™
solid HV bushings solution

TITLE:
SDC® GSU BUSHING 25kV, 14000A
MODEL: 150-140-G-1016-00

FORMAT: A | CAGE CODE: | DRAWING NO.: S-1769-9584 | REVISION: A
SCALE: 1:8.5 | GENERATED BY: SolidWorks 2013 | SHEET: 1 of 1