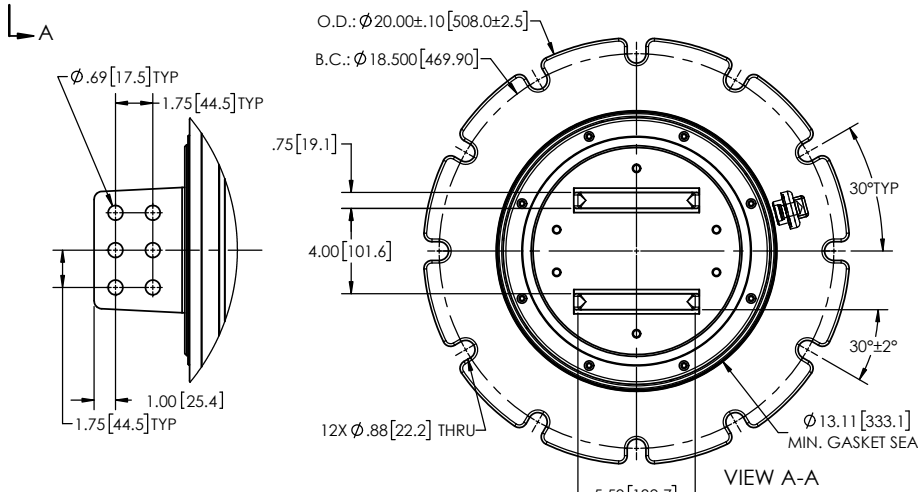
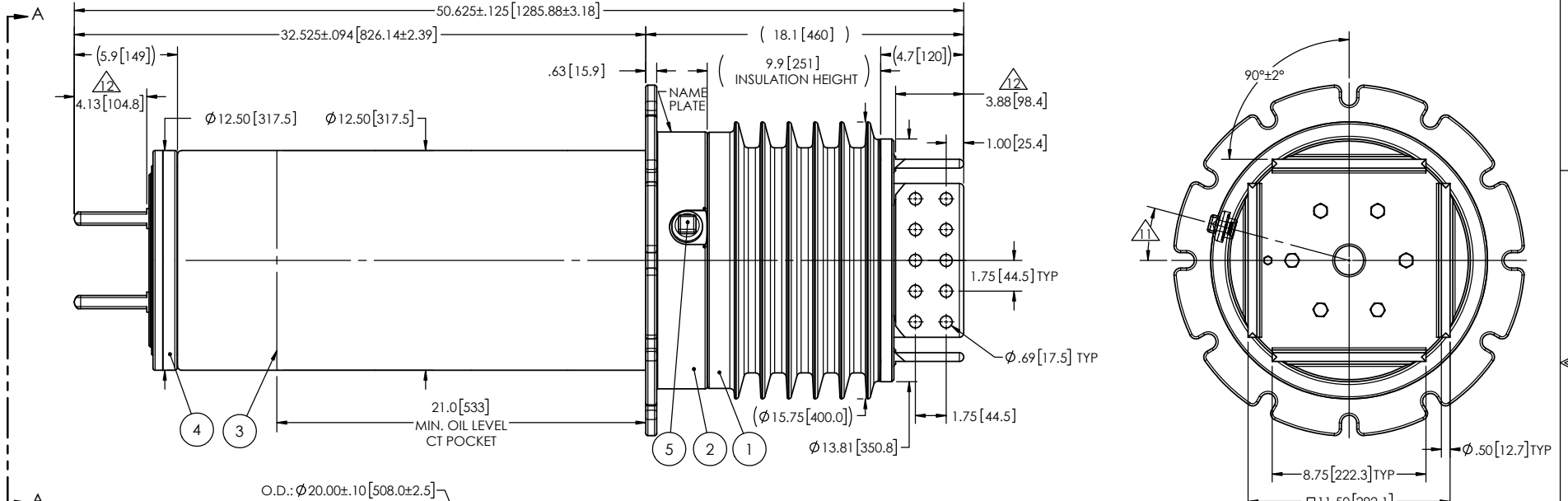


- NOTES:
- 1 CREEPAGE DISTANCE: 22.7" / 577mm
 - 2 ARC DISTANCE: 10.5" / 267mm
 - 3 NOMINAL VOLTAGE: 25kV
 - 4 NOMINAL CURRENT: 14,000A
 - 5 VOLTAGE WITHSTAND, 60 sec.: 60kV
 - 6 BIL: 150kV
 - 7 ROUTINE TEST ACCORDING TO: IEEE C57.19.04
 - 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 70 lb·ft / 94.9 N·m
 - 9 WEIGHT: 473 lb / 214.5 Kg
 - 10 INSULATION THERMAL LIMIT: 130°C (266°F). BUSHING RATED PER IEEE C57.19.04 $\text{\textcircled{D}}$ USUAL SERVICE CONDITIONS.

- $\text{\textcircled{11}}$ CAPACITANCE TAP ORIENTATION CAN BE DIFFERENT FROM THE DRAWING.
 $\text{\textcircled{12}}$ 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.

C3	A	REMOVE THE NOTE "DO NOT INSTALL BUSHING EXPOSED TO THE SUN"	J. CLICHE	2014-05-28	Y.V.
F4		ADD THE "MIN. GASKET SEAT" DIMENSION			
A2		ADD THE NOTE #11: POSITION OF THE CAPACITANCE TAP			
B4		ADD THE "SDC" DESIGNATION TO THE BUSHING NAME			
		THE RESIN TYPE CHANGE FROM EC-APG-15 TO EC-APG-15NA			
F5	B	THE POSITION OF THE CAPACITANCE TAP IS NOW RANDOM	J. CLICHE	2015-05-07	Y.V.
F4	C	THE WORD "RANDOM" IS REPLACED BY "DIFFERENT FROM DRAWING"	J. CLICHE	2017-06-16	Y.V.
F4	D	NOTE #10 UPDATED	M. FORGET	2022-01-24	Y.V.



ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
5	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
4	1	S-5955-5591		TUBE ASSEMBLY	COPPER
3	1	S-5955-5590		SHIELD ASSEMBLY	BRASS
2	1	S-5955-5589		FLANGE	ALUMINIUM
1	1	S-5955-5588	-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: 2010/07/27		Electro Composites solid HV bushings solution	
CHECK BY:		PROJECT ENG.:		TITLE: SDC® GSU BUSHING 25kV, 14,000A MODEL: 150-140-G-509-00	
PROJECT MANAGER:		SCALE: 1:9		DRAWING NO.: S-5955-5588 REVISION: D	
		GENERATED BY: SolidWorks 2021		SHEET: 1 OF 1	

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