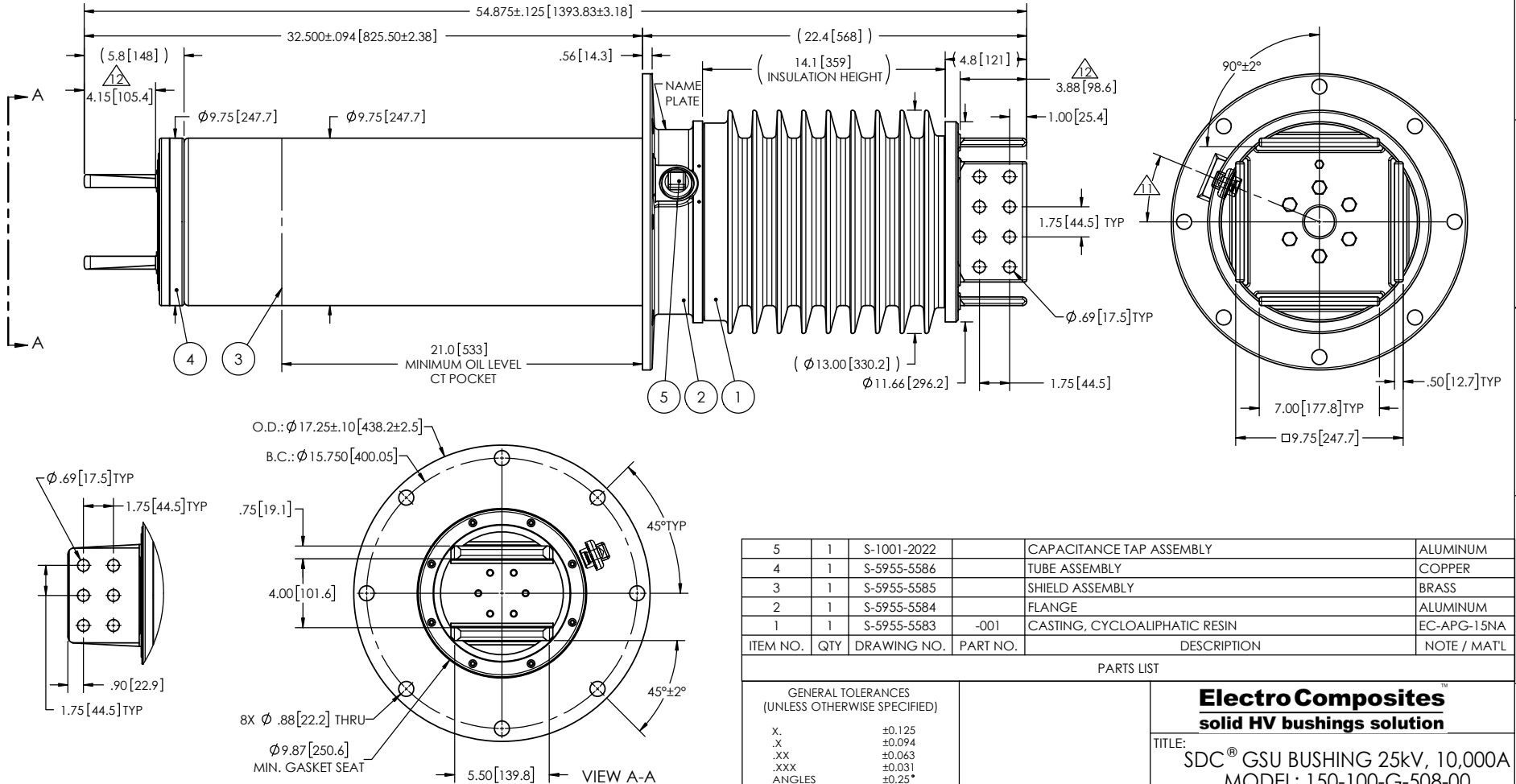


- NOTES:
- 1 CREEPAGE DISTANCE: 37.0" / 940mm
  - 2 ARC DISTANCE: 14.4" / 366mm
  - 3 NOMINAL VOLTAGE: 25kV
  - 4 NOMINAL CURRENT: 10,000A
  - 5 VOLTAGE WITHSTAND, 60 sec.: 60kV
  - 6 BIL: 150kV
  - 7 ROUTINE TEST ACCORDING TO: IEEE C57.19.01
  - 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 40 lbf·ft / 54.2 N·m
  - 9 WEIGHT: 374 lb / 169.6 Kg
  - 10 INSULATION THERMAL LIMIT: 130°C. BUSHING RATED PER IEEE C57.19.04 USUAL SERVICE CONDITIONS.

- ⚠ THE CAPACITANCE TAP ORIENTATION CAN BE DIFFERENT FROM THE DRAWING.
- ⚠ 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.
F4	NR	ADD THE SILVER PLATING + ADD THE NOTES #11 & #12	J. CLICHE	2011/11/23	Y.V.
B4 E4 C3	A	CYCLOALIPHATIC RESIN REVISED FROM EC-APG-15 TO EC-APG-15NA NOTE #12 BECOMES: " THE CAPACITANCE TAP ORIENTATION..." ADD THE "MINIMUM GASKET SEAT" DIMENSION.	J. CLICHE	2015-08-11	Y.V.
F6	B	NOTE #10 UPDATED	M. FORGET	2024-02-26	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-5955-5586		TUBE ASSEMBLY	COPPER
3	1	S-5955-5585		SHIELD ASSEMBLY	BRASS
2	1	S-5955-5584		FLANGE	ALUMINUM
1	1	S-5955-5583	-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)

**Electro Composites**  
solid HV bushings solution

TITLE:  
SDC® GSU BUSHING 25kV, 10,000A  
MODEL: 150-100-G-508-00

DRAWN BY: J. CLICHE DATE: 2010/06/08

CHECK BY:

PROJECT MGR.:

FORMAT: A	CAGE CODE:	DRAWING NO.: S-5955-5583	REVISION: B
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SCALE: 1:9	GENERATED BY: SolidWorks 2023	SHEET: 1 of 1
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