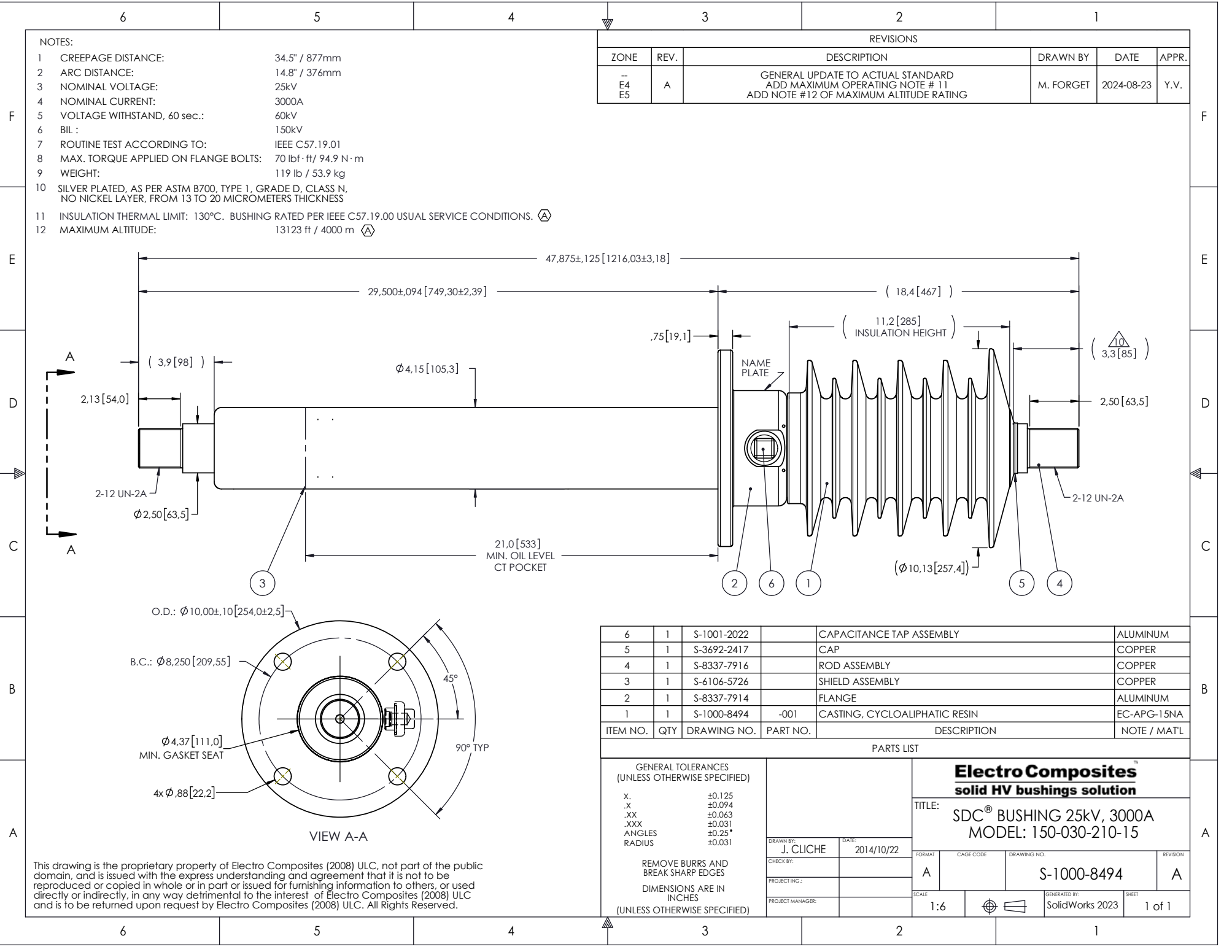




NOTES:

- 1 CREEPAGE DISTANCE: 34.5" / 877mm
2 ARC DISTANCE: 14.8" / 376mm
3 NOMINAL VOLTAGE: 25kV
4 NOMINAL CURRENT: 3000A
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: 119 lb / 53.9 kg
10 SILVER PLATED, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N, NO NICKEL LAYER, FROM 13 TO 20 MICROMETERS THICKNESS
11 INSULATION THERMAL LIMIT: 130°C. BUSHING RATED PER IEEE C57.19.00 USUAL SERVICE CONDITIONS. (A)
12 MAXIMUM ALTITUDE: 13123 ft / 4000 m (A)

REVISIONS

ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
E4 E5	A	GENERAL UPDATE TO ACTUAL STANDARD ADD MAXIMUM OPERATING NOTE # 11 ADD NOTE #12 OF MAXIMUM ALTITUDE RATING	M. FORGET	2024-08-23	Y.V.

6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-3692-2417		CAP	COPPER
4	1	S-8337-7916		ROD ASSEMBLY	COPPER
3	1	S-6106-5726		SHIELD ASSEMBLY	COPPER
2	1	S-8337-7914		FLANGE	ALUMINUM
1	1	S-1000-8494	-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)

ElectroComposites
solid HV bushings solution

TITLE:
SDC® BUSHING 25kV, 3000A
MODEL: 150-030-210-15

DRAWN BY: J. CLICHE DATE: 2014/10/22

CHECK BY:

PROJECT ENG.:

PROJECT MANAGER:

FORMAT

CAGE CODE

DRAWING NO.

REVISION

SCALE

1:6

GENERATED BY:

SolidWorks 2023

SHEET

1 of 1