

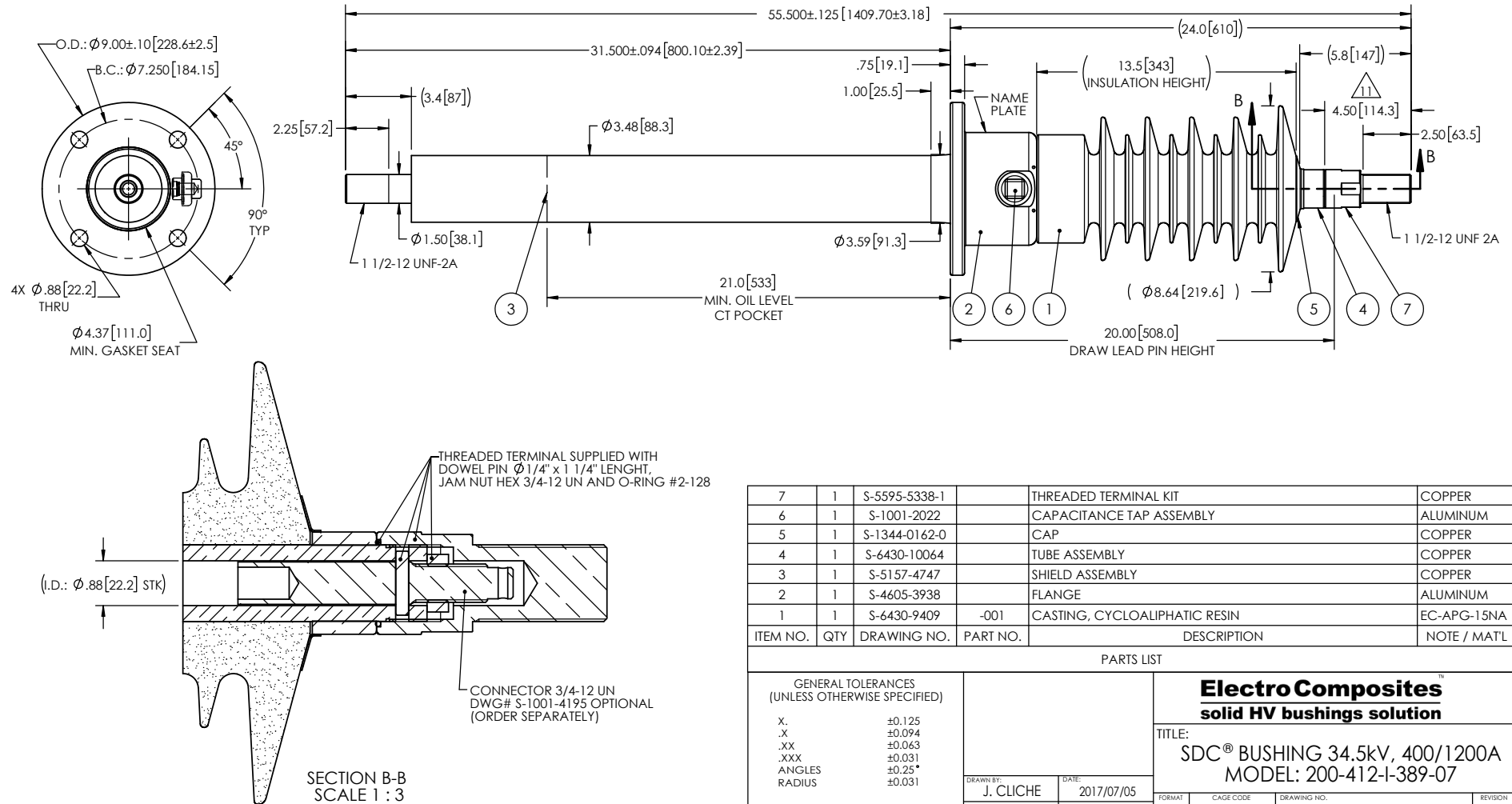
NOTES:

- 1 CREEPAGE DISTANCE: 37.3" / 947mm
- 2 ARC DISTANCE: 15.7" / 399mm
- 3 NOMINAL VOLTAGE: 34.5kV
- 4 NOMINAL CURRENT: 400/1200A
- 5 VOLTAGE WITHSTAND, AT 60 sec.: 80kV
- 6 BIL : 200kV
- 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 INSULATION THERMAL LIMIT: 130°C. BUSHING RATED PER IEEE C57.19.00 USUAL SERVICE CONDITION

⚠ 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.
B4	A	TUBE ASSEMBLY S-5157-4748 BECOMES S-6430-10064	M. FORGET	2019-11-08	Y.V.
F4	B	UPDATE NOTE #10	M. FORGET	2022-10-05	Y.V.



7	1	S-5595-5338-1		THREADED TERMINAL KIT	COPPER
6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-1344-0162-0		CAP	COPPER
4	1	S-6430-10064		TUBE ASSEMBLY	COPPER
3	1	S-5157-4747		SHIELD ASSEMBLY	COPPER
2	1	S-4605-3938		FLANGE	ALUMINUM
1	1	S-6430-9409	-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: J. CLICHE	DATE: 2017/07/05
CHECK BY:	
PROJECT ENG.:	
PROJECT MANAGER:	

Electro Composites
solid HV bushings solution

TITLE:
SDC® BUSHING 34.5kV, 400/1200A
MODEL: 200-412-I-389-07

FORMAT A	CAGE CODE	DRAWING NO. S-6430-9409	REVISION B
SCALE 1:8	GENERATED BY: SolidWorks 2022	SHEET 1 of 1	

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