

1	CREEPAGE DISTANCE:	43.5" / 1106mm
2	ARC DISTANCE:	18.4" / 467mm
3	NOMINAL VOLTAGE:	34.5kV
4	NOMINAL CURRENT:	4000A
5	VOLTAGE WITHSTAND, 60 sec.:	80kV
6	BIL :	200kV
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:	190 lb / 86.2 kg
10	INSULATION THERMAL LIMIT: 130°C. BUSHING RATED PER IEEE C57.19.00 USUAL SERVICE CONDITIONS.	
11	SILVER PLATED, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N, NO NICKEL LAYER, FROM 13 TO 20 MICROMETERS THICKNESS	

Technical drawing of a capacitor assembly showing a side view with dimensions and a parts list table.

Dimensions:

- Overall length: 125 [1435.10 ± 3.18]
- Capacitance tap assembly length: 24.0 [610]
- Capacitance tap assembly diameter: (15.9 [404])
- Capacitance tap assembly height: 3.00 [76.2]
- Capacitance tap assembly width: 4.4 [112]
- Capacitance tap assembly thickness: 0.75 [19.1]
- Capacitance tap assembly hole diameter: (Ø 10.13 [257.4])
- Capacitance tap assembly hole position: 3-12 UN -2A

Parts List:

ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-3529-2532-0		CAP	COPPER
4	1	S-9265-10414		ROD ASSEMBLY	COPPER
3	1	S-5860-5558		SHIELD ASSEMBLY	COPPER
2	1	S-7434-7202		FLANGE	ALUMINUM
1	1	S-9265-10413	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-15NA

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)

ElectroCompositesTM
solid HV bushings solution

TITLE: SDC® BUSHING 34.5kV, 4000A
 MODEL: 200-040-210-15

SCALE: 1:7

FORMAT: A

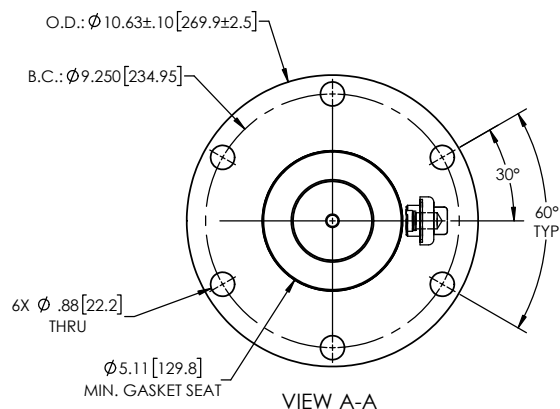
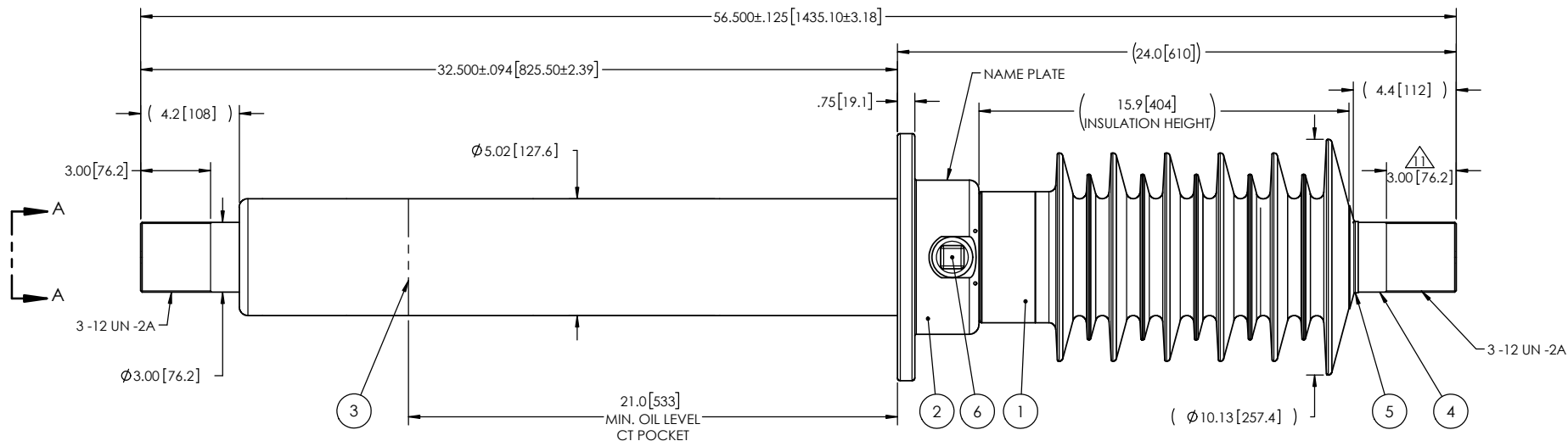
CAGE CODE:

DRAWING NO.: S-9265-10413

REVISION: NR

GENERATED BY: SolidWorks 2021

SHEET: 1 of 1



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