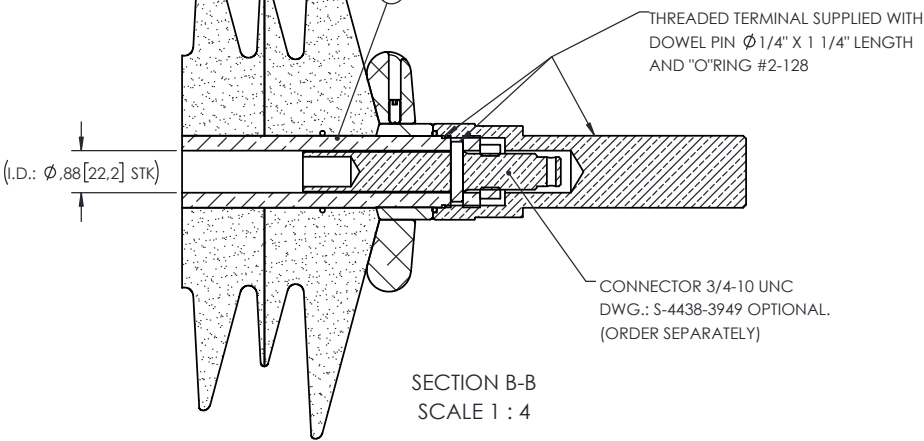
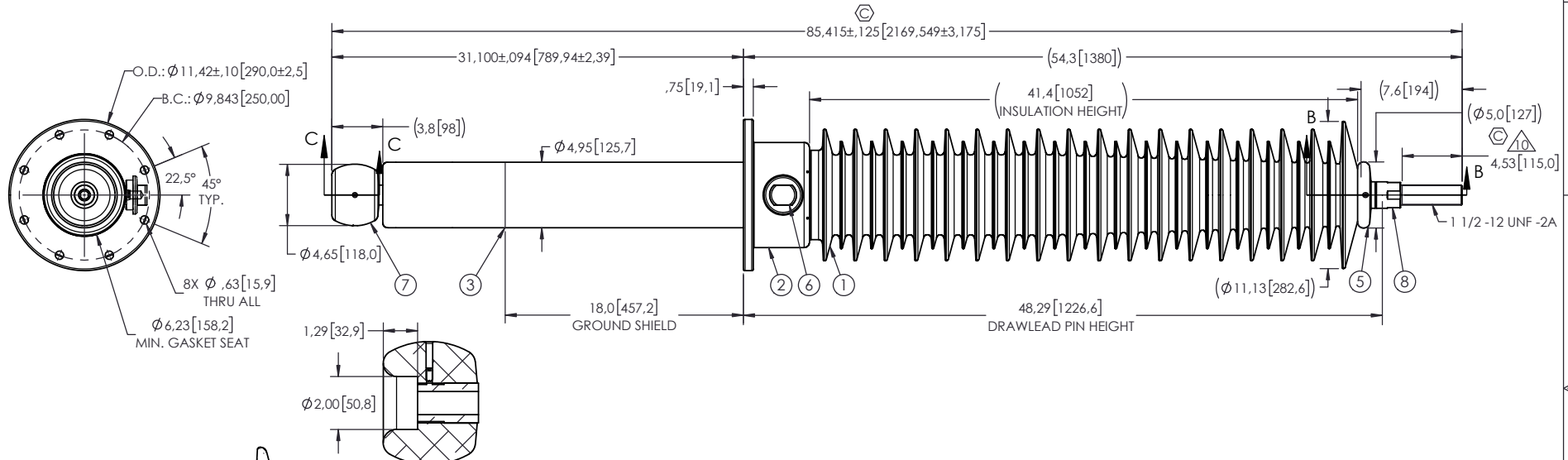


- NOTES:
- 1 CREEPAGE DISTANCE: 138.4" / 3514mm
 - 2 ARC DISTANCE: 45.3" / 1150mm
 - 3 NOMINAL VOLTAGE: 145kV
 - 4 NOMINAL CURRENT: 400A
 - 5 VOLTAGE WITHSTAND, 60 sec.: 255kV
 - 6 BIL: 550kV
 - 7 ROUTINE TEST ACCORDING TO: CEI 60137
 - 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 70 lbf·ft / 94.9 N·m
 - 9 WEIGHT: 202 lb / 91.6 kg
 - 10 TIN PLATED AS PER ASTM B545, ART. 4, SERVICE CLASS C, MIN. THICKNESS 320 µin.

REVISIONS					
ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
C-3	A	THE THREADED TERMINAL NUMBER HAS BEEN REVISED	J.N.PILOTTE	2009-05-22	J.V.
	B	THE LANGUAGE OF DRAWING HAS BEEN CHANGED FROM FRENCH TO ENGLISH + GENERAL UPDATE PER THE DRAWING STANDARD	A.SAVARD	2020-12-14	J.V.
F5, E1, E3	C	THREADED TERMINAL LENGTH CHANGED ACCORDING TO SN14.1: 4.53" WAS 4.00" + OVERALL LENGTH CHANGED: 85.415" WAS 84.890" + THE VOLTAGE WITHSTAND CHANGED: 255kV WAS 230kV	A.SAVARD	2023-11-22	J.V.



ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
8	1	S-1001-3951	S-1001-3951-2	THREADED TERMINAL KIT	COPPER
7	1	S-4714-4080		CORONA RING $\phi 118.0$ mm (OIL SIDE)	ALUMINUM
6	1	S-4714-4107		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-4714-4022		CORONA RING TOP	ALUMINUM
4	1	S-5186-5055		TUBE ASSEMBLY	COPPER
3	1	S-5186-5140		SHIELD ASSEMBLY	BRASS
2	1	S-4714-4007		FLANGE	ALUMINUM
1	1	S-5186-5141	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-02

ElectroComposites™
solid HV bushings solution

TITLE: SDC® BUSHING 145kV, 400A
MODEL: 550-004-T-377-01

DRAWN BY: D.Delisle	DATE: 2008/11/27	FORMAT: A	CAGE CODE: S-5186-5141	DRAWING NO.:	REVISION: C
CHECK BY:		PROJECT ENG.:		SCALE: 1:12	GENERATED BY: SolidWorks 2023
PROJECT MGR.:				SHEET: 1 of 1	

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)

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