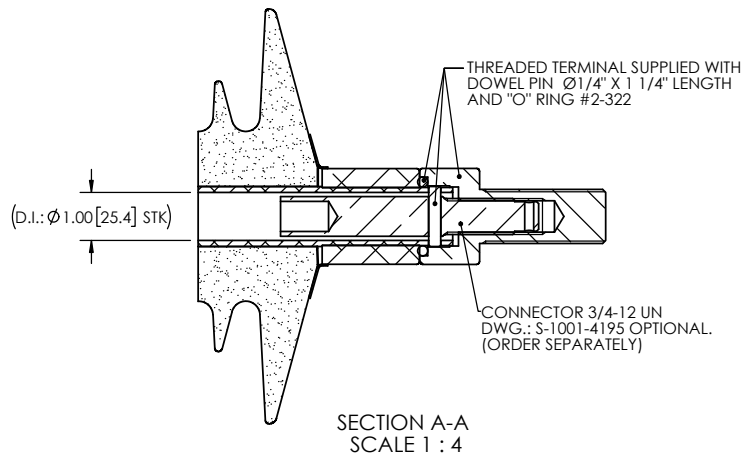
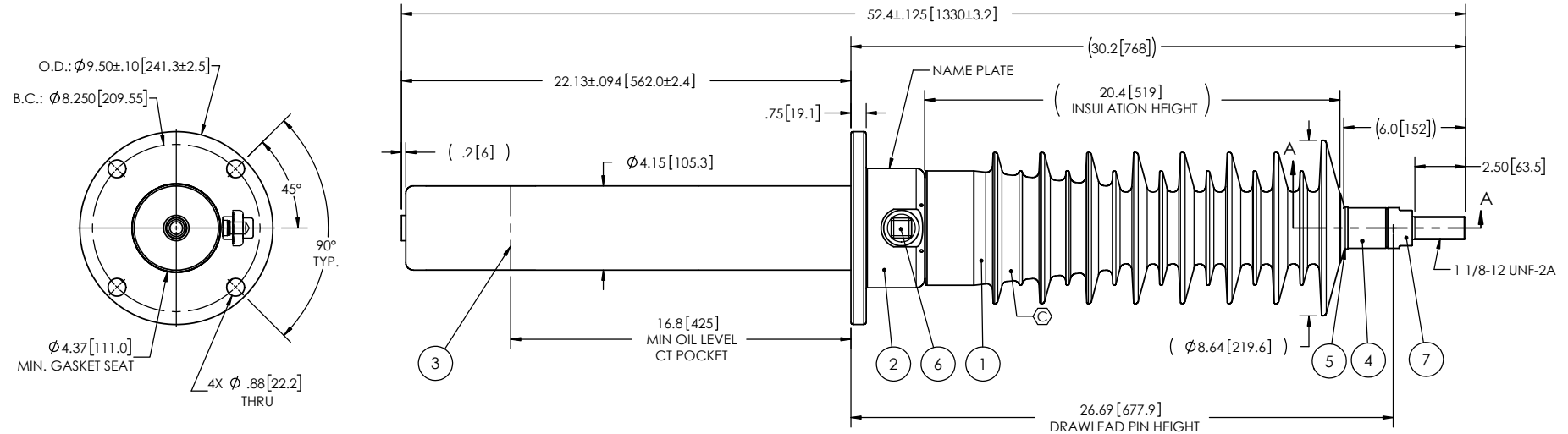


NOTES:

1	CREEPAGE DISTANCE:	51.9"/1320mm
2	ARC DISTANCE:	22.6"/574mm
3	NOMINAL VOLTAGE:	46kV
4	NOMINAL CURRENT:	400A
5	VOLTAGE WITHSTAND, 60 sec.:	105kV
6	BIL :	250kV
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:	62 lb / 26.8 Kg

REVISIONS

ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
	A	GENERAL UPDATE + CAP & DRAWLEAD MATERIAL CHANGED FOR ALUMINUM	A.SAVARD	2012-12-19	J.V.
C6 E6	B	ADD THE "MINIMUM GASKET SEAT" DIMENSION INCREASE TO ±.094" THE TOLERANCE ON THE EXTERNAL FLANGE DIAMETER	J. CLICHE	2014-11-18	J.V.
D3, F5	C	ADD SHEDS, INCREASE CREEPAGE AND ARC DISTANCE ACCORDINGLY	M. FORGET	2023-07-21	J.V.



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7	1	S-4904-4657-0		THREADED TERMINAL KIT	COPPER
6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-1344-0162-1		CAP	ALUMINUM
4	1	S-5871-5499		DRAWLEAD ASSEMBLY	ALUMINUM
3	1	S-5871-5498		SHIELD ASSEMBLY	COPPER
2	1	S-5280-4890		FLANGE	ALUMINUM
1	1	S-5871-5497	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-02
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: A.SAVARD	DATE: 2009/07/28
PROJECT NO.:	
PROJECT MANAGER:	

Electro Composites
solid HV bushings solution

TITLE:
SDC® BUSHING 46kV, 400A
MODEL: 250-004-T-499-00

FORMAT	CAGE CODE	DRAWING NO.	REVISION
A		S-5871-5497	C
SCALE 1:8	GENERATED BY: SolidWorks 2022	SHEET 1 of 1	