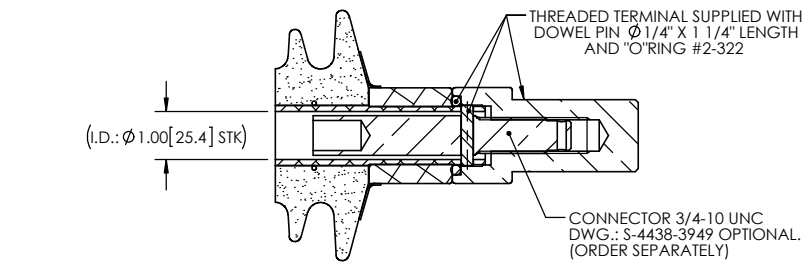
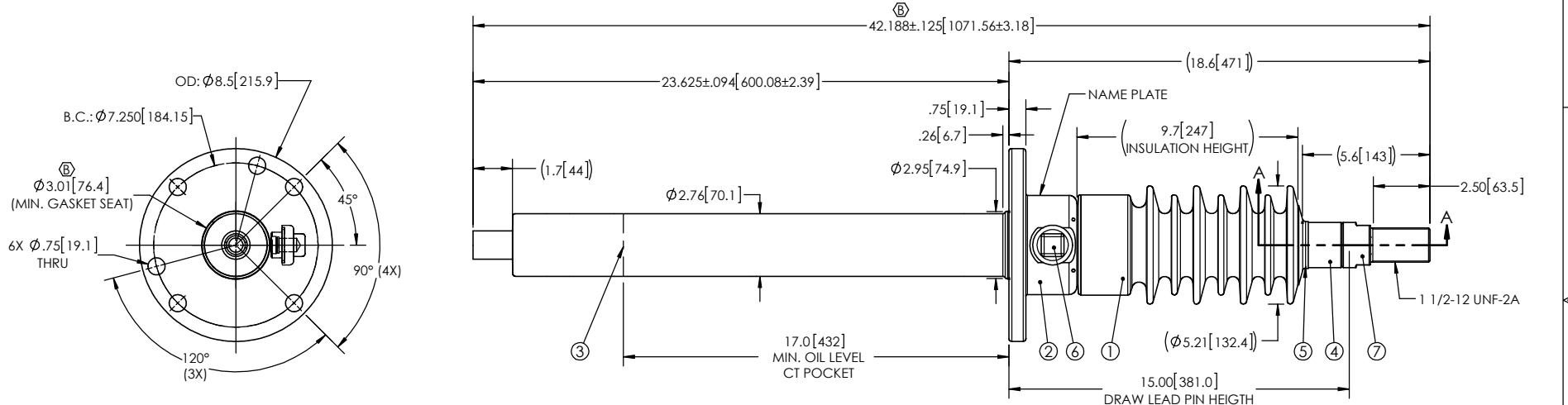


NOTES:

- 1 CREEPAGE DISTANCE: 20.8" / 528mm
- 2 ARC DISTANCE: 10.5" / 267mm
- 3 NOMINAL VOLTAGE: 27.5kV
- 4 NOMINAL CURRENT: 400A
- 5 VOLTAGE WITHSTAND, 60 sec.: 70kV
- 6 BIL: 150kV
- 7 ROUTINE TEST ACCORDING TO: CSA C88.1-96
- 8 MAX. TORQUE APPLIED ON FLANGE BOLTS: 40 lbf·ft (54.2 N·m)
- 9 WEIGHT: 26 lb / 11.8 Kg

REVISIONS					
ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
C4 B4	A	CHANGE S-1001-4592-0 FOR S-4831-4209-0 CHANGE S-1001-4195 FOR S-4438-3949	J.N.PILOTTE	2014-11-25	Y.V.
D6 E3	B	MINIMUM GASKET SEAT CHANGE FROM 2.98" TO 3.01" TOTAL LENGTH OF THE BUSHING CHANGE FROM 42.191" TO 42.188"	J. CLICHE	2016-10-04	Y.V.



SECTION A-A
SCALE 1 : 4

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ITEM NO.	QTY	DRAWING NO.	PART NO.	DESCRIPTION	NOTE / MAT'L
7	1	S-4831-4209-0		THREADED TERMINAL KIT	COPPER
6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-1344-0162-1		CAP	ALUMINUM
4	1	S-8778-8352		TUBE ASSEMBLY	ALUMINUM
3	1	S-8778-8351		SHIELD ASSEMBLY	COPPER
2	1	S-8778-8350		FLANGE	ALUMINUM
1	1	S-8778-8349	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-02

PARTS LIST					
GENERAL TOLERANCES (UNLESS OTHERWISE SPECIFIED)			<p>Electro Composites solid HV bushings solution</p> <p>TITLE: SDC® BUSHING 27.5kV, 400A MODEL: 150-004-T-870-00</p>		
X.	±0.125				
.X	±0.094			DRAWN BY: J.N.PILOTTE	DATE: 2014/05/13
.XX	±0.063			CHECK BY:	
.XXX	±0.031			PROJECTING:	
ANGLES	±.25°			PROJECT MANAGER:	
RADIUS	0.031				
REMOVE BURRS AND BREAK SHARP EDGES			<p>SCALE: 1 : 10</p> <p>GENERATED BY: SolidWorks 2013</p>		
DIMENSIONS ARE IN INCHES (UNLESS OTHERWISE SPECIFIED)			<p>PROJECT NO.: S-8778-8349</p> <p>REVISION: B</p> <p>SHEET: 1 of 1</p>		