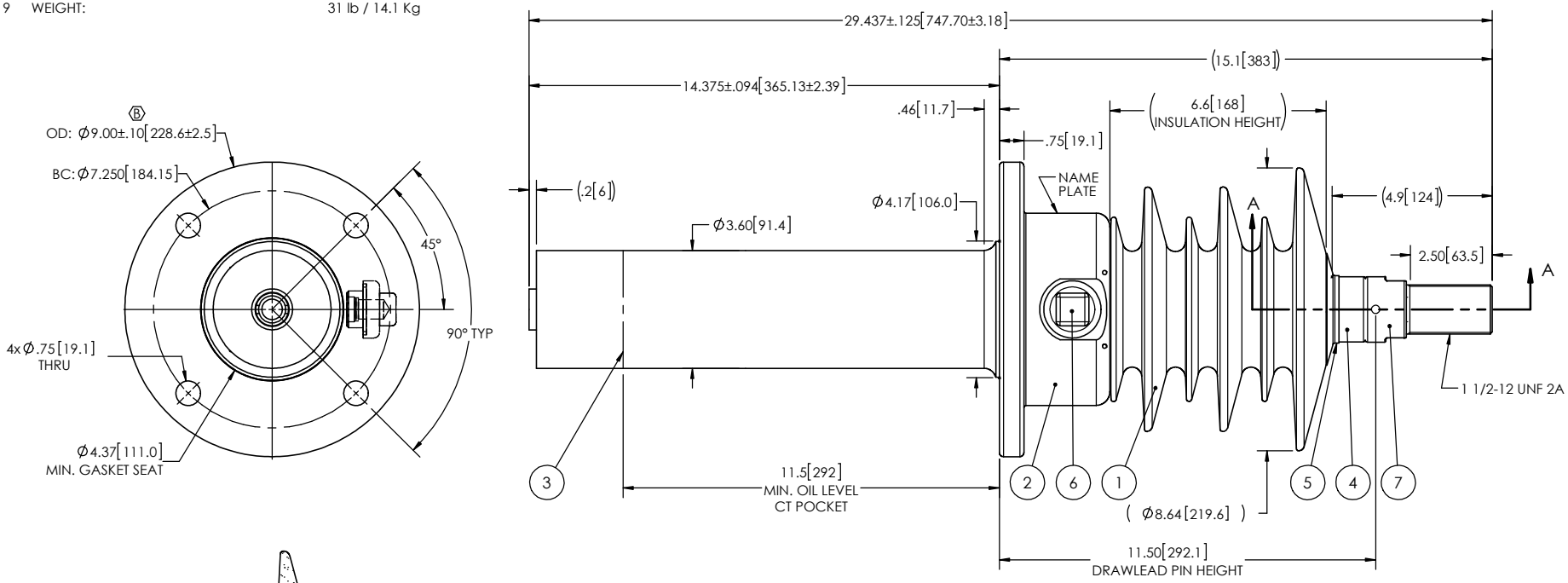
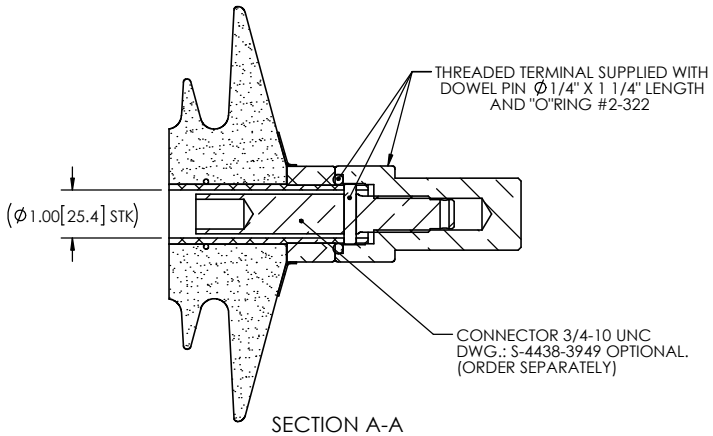
NOTES:

1	CREEPAGE DISTANCE:	21.0" / 534.mm
2	ARC DISTANCE:	9.0" / 228mm
3	NOMINAL VOLTAGE:	15kV
4	NOMINAL CURRENT:	400A
5	VOLTAGE WITHSTAND, 60 sec.:	50kV
6	BIL :	110kV
7	APPLICATION STANDARD:	CSA C88.1-96
8	MAX. TORQUE APPLIED ON FLANGE BOLTS:	40 lbf · ft / 54.2 N · m
9	WEIGHT:	31 lb / 14.1 Kg

REVISIONS

ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
C6 E6	A	ADD THE "MINIMUM GASKET SEAT" DIMENSION INCREASE TO ±.094" THE TOLERANCE ON THE EXTERNAL FLANGE DIAMETER	J. CLICHE	2014-11-28	Y.V.
A2 E6	B	THE MODEL No. CHANGE FROM 110-004-T-205-05 TO 110-004-T-271-02 INCREASE TO ±.10" THE TOLERANCE ON THE EXTERNAL FLANGE DIAMETER	M. FORGET	2019-01-09	Y.V.





SECTION A-A
SCALE 1 : 4

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-2137-8197		TUBE ASSEMBLY	ALUMINUM
3	1	S-2137-8196		SHIELD ASSEMBLY	COPPER
2	1	S-2137-8195		FLANGE	ALUMINUM
1	1	S-2137-8194	-001	CASTING, CYCLOALIPHATIC RESIN	EC-APG-02

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.N.PILOTTE DATE: 2013/12/04
CHECK BY: 2019/01/10
PROJECT MANAGER:

Electro Composites™
solid HV bushings solution

TITLE:
SDC® BUSHING 15kV, 400A
Ⓑ MODEL: 110-004-T-271-02

FORMAT: A | CAGE CODE: | DRAWING NO.: S-2137-8194 | REVISION: B
SCALE: 1:5 | GENERATED BY: SolidWorks 2013 | SHEET: 1 of 1

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