

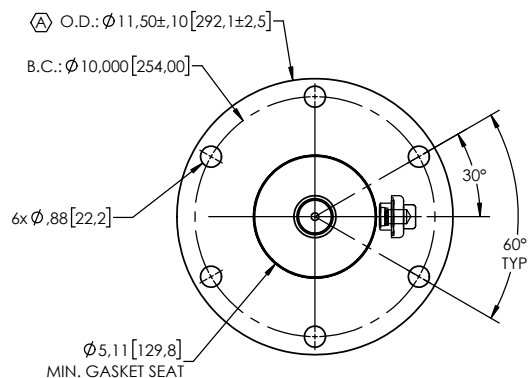
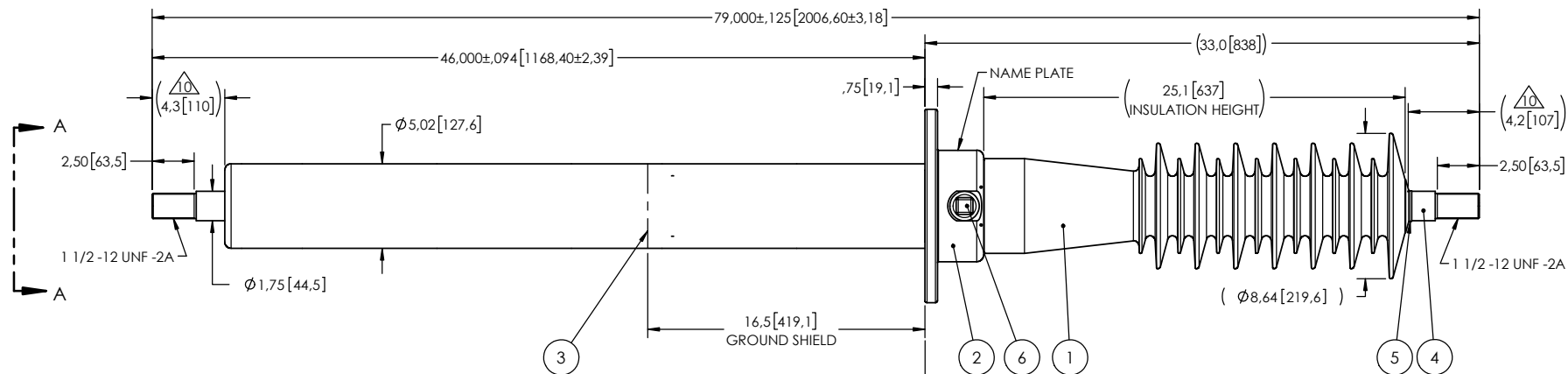
NOTES:

1	CREEPAGE DISTANCE OUTSIDE:	OUTSIDE: 59.0"/ 1499mm	INSIDE: 28.1"/ 714mm
2	ARC DISTANCE OUTSIDE:	OUTSIDE: 27.2"/ 691mm	INSIDE: 28.1"/ 714mm
3	NOMINAL VOLTAGE:	69kV	
4	NOMINAL CURRENT:	2000A	
5	VOLTAGE WITHSTAND, 60 sec.:	160kV	
6	BIL :	350kV	
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:	152 lb / 68.9 Kg	

10 SILVER PLATED, AS PER ASTM B700, TYPE 1, GRADE D, CLASS N,
NO NICKEL LAYER, FROM 13 TO 20 µm THICKNESS

REVISIONS

ZONE	REV.	DESCRIPTION	DRAWN BY	DATE	APPR.
B4 C6	A	SHIELD ASSEMBLY S-8739-8139 BECOMES S-5648-10216 INCREASE THE TOLERANCES ON THE FLANGE OUTSIDE DIAMETER.	M. FORGET	2020-11-05	J.V.



SECTION A-A
SCALE 1 : 8

This drawing is the proprietary property of Electro Composites (2008) ULC, not part of the public domain, and is issued with the express understanding and agreement that it is not to be reproduced or copied in whole or in part or issued for furnishing information to others, or used directly or indirectly, in any way detrimental to the interest of Electro Composites (2008) ULC and is to be returned upon request by Electro Composites (2008) ULC. All Rights Reserved.

6	1	S-1001-2022		CAPACITANCE TAP ASSEMBLY	ALUMINUM
5	1	S-1600-0587-0		CAP	COPPER
4	1	S-5648-8607		ROD ASSEMBLY	COPPER
3	1	S-5648-10216		SHIELD ASSEMBLY	BRASS
2	1	S-5648-8606		FLANGE	ALUMINUM
1	1	S-5648-8605	-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: J. CLICHE DATE: 2014/10/29

CHECK BY:

PROJECT ENG.:

PROJECT MANAGER:

Electro Composites™
solid HV bushings solution

TITLE: SDC® BUSHING 69 kV, 2000A
MODEL: 350-020-W-895-00

FORMAT	CAGE CODE	DRAWING NO.	REVISION
A		S-5648-8605	A

SCALE	GENERATED BY:	SHEET
1:10	SolidWorks 2013	1 of 1